Electrical installation solutions for buildings

Light switches and socket outlets

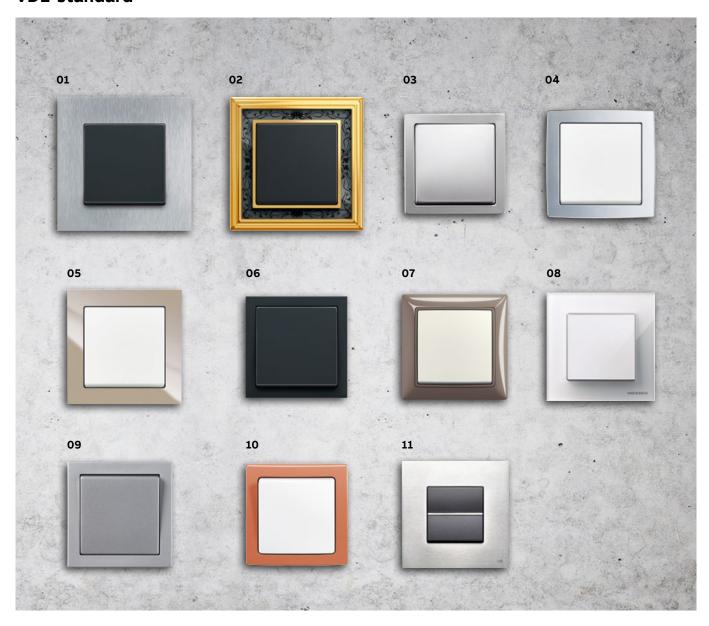
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Light switches and socket outlets

A piece of design in your interior.

Discover the wide range of designs, colours, finishes and functions and find the best solutions with innovative technology. Let modern light switches highlight the individual design of your living space.

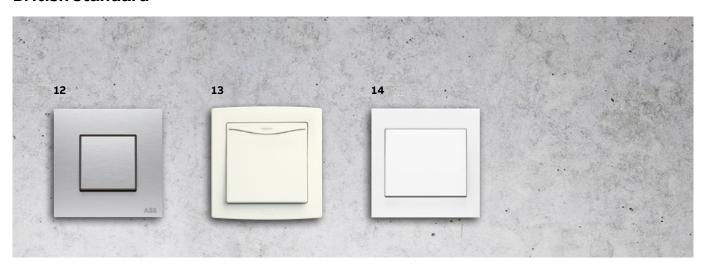
VDE-standard



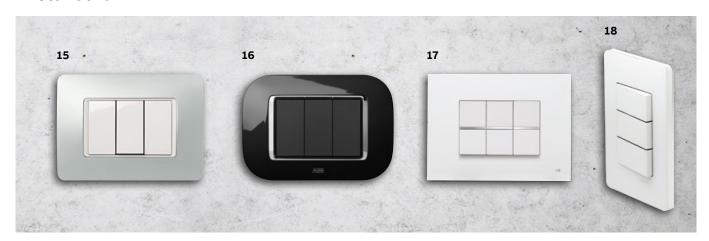
Light switches and socket outlets

A piece of design in your interior.

British standard



IT-standard



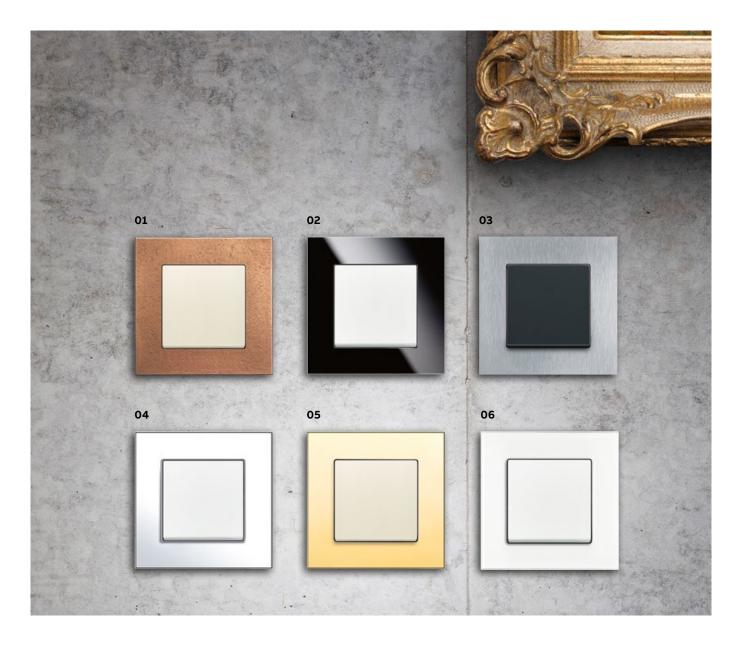
- 01 carat®
- 02 Busch-dynasty®
- 03 pure stainless steel
- 04 solo®
- 05 Busch-axcent®
- 06 future® linear
- 07 basic55®
- 08 Sky Niessen
- 09 Impressivo
- 10 Swing®L
- 11 Zenit

- 12 Millenium
- 13 Concept bs
- 14 Kalo
- 15 Chiara

- 16 Mylos®
- 17 Zenit
- 18 Unno

Everyday indulgence.

Extraordinary and distinct design, of the highest quality. Each piece becomes a unique object of any interior. It attracts attention and that is the point. Solid frames made from bronze, polished steel or glossy glass, show immediately their real value and an exquisite owner's taste. The aesthetics, together with innovative functions make every day luxurious.



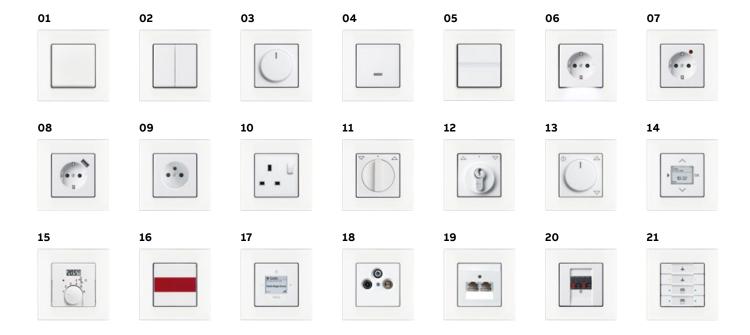
- 01 ivory white/bronze
- 02 studio white/glass black
- 03 anthracite/stainless steel
- 04 studio white/chrome
- 05 ivory white/gold
- 06 studio white/white glass

Materials

UV-resistant, free of PVC and halogen.

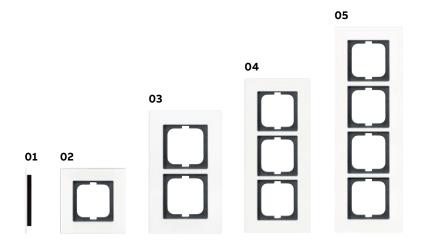
Frame: genuine materials.

Selected functions.



- 01 Rocker switch 1gang
- 02 Rocker switch 2gang
- 03 Busch Universal Rotary Dimmer
- 04 Touch dimmer
- 05 Busch-Comfort switch
- 06 Busch-steplight®
- 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection
- 08 SCHUKO® USB socket outlet
- 09 Socket outlet with earthing pin
- 10 Switched socket outlet BS standard
- 11 Blind switch with rotary knob

- 12 Busch-Blind control switch with semi-cylindrical lock
- 13 Busch-Blind comfort switch
- 14 Comfort timer
- 15 Room thermostat with display
- 16 Busch-Infoline® alarm insert
- 17 Busch-AudioWorld® Busch-Radio iNet
- 18 Antenna socket for radio/TV/satellite
- 19 Universal data connection box
- 20 Stereo loudspeaker connecting box
- 21 KNX sensor, for more KNX products see part 12 of the catalogue Intelligent Building Solutions



1 to 4gang cover frame for horizontal and vertical installation.

- 01 Side view, 11 mm x 107 mm
- 02 107 mm x 107 mm
- 03 107 mm x 178 mm
- 04 107 mm x 249 mm
- 05 107 mm x 320 mm



Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2000/6 US-500	2CKA001012A2198	10/100
2gang 1way		
2000/5 US-500	2CKA001012A1150	10/100
DP, 1gang 2way ²)		
2000/6/2 US	2CKA001012A0954	10
1gang		
2000/7 US-500	2CKA001012A2199	10/100
DP, 1gang 1way		
2000/2 US-500	2CKA001012A2196	10/100
SP, 1gang 1way switcl	ı	
2000/1 US-500	2CKA001012A2059	10/100

³ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}mbox{\tiny 2)}}\mbox{With screw-type terminals.}$ Non-illuminable.



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2400/6 US-500	2CKA001012A2232	10/100
2gang 1way		
2400/5 US-500	2CKA001012A2234	10
1gang		
2400/7 US-500	2CKA001012A2236	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals.
Rated voltage: 250 V~
Rated current: 10 AX

Protection class (Device): IP 20IEC 60669-1

2000/6/6US-101-500 2CKA001011A0928 10/100





Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6/6US-101-500 2CKA001022A0663 10

³⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2)

DP, 1gang 1way

For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/2 US-101-500 2CKA001012A2193 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Also for switching SCHUKO® socket outlets.



Rocker Switch Mechanism 1) 2)

3-pole, 1gang 1way switch

Rated voltage: 400 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/3 US	2CKA001011A0816	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way ²)		
2000/6 USGL-500	2CKA001012A2194	10/100
2gang 1way		
2000/5 USGL	2CKA001012A1135	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.



Rocker Switch Mechanism, control 1) 2gang 1way

with LED,

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/5 USK-500 2CKA001012A2238 10

¹⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mech With neon lamp. Rated voltage: 250 \ Rated current: 10 AX Protection class (De IEC 60669-1	(
	1gang 2way with N-	terminal	
	2000/6 USK-500	2CKA001022A0659	10/100

¹⁾ With 1 mA neon lamp.

2CKA001022A0656

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal

With neon lamp. Rated voltage: 250 V~, Rated current: 16 AX

DP, 1gang 1way 2000/2 UK

Protection class (Device): IP 20IEC 60669-1

400/6 USK-500	2CKA001022A0661	10
.+00/ 0 03K-300	LCNAOOIOLLAGOOI	10

¹⁾ With 1 mA neon lamp.

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 05-500	2CKA001413A0574	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With 2 independent signalling contacts.

Rated voltage: 250 V~

Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

	0.61/ 4.004 44.04.04.00	4.0	
2020 US-201	2CKA001413A0483	1()	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1) 2) 3)

SP, with normally open contact (operating current)

With illumination.

With N terminal.

Rated voltage: 250 V~, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 USGL-500	2CKA001413A1106	10/100
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)





Push-switch mechanism 1)

With one input terminal and 2 actuating covers.

Rated voltage: 250 V~

Inputs: 1

Outputs: 2x Normally open contact

Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-205-500 2CKA001413A1105 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP, 1gang 2way

Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current). With N terminal.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-206-500 2CKA001413A1104 10/100

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

push switch.

Protection class (Device): IP 20

anthracite	1786-81-500	2CKA001751A3079	10/100
ivory white	1786-82-500	2CKA001751A3083	10/100
studio white	1786-84-500	2CKA001751A3074	10/100



Rocker

For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20

anthracite	1785-81	2CKA001751A2930	10
ivory white	1785-82	2CKA001751A2744	10/100
studio white	1785-84-500	2CKA001751A3076	10/100



ocker

As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20

anthracite	1785 K-81-500	2CKA001751A3122	10	
ivory white	1785 K-82-500	2CKA001751A3124	10	
studio white	1785 K-84-500	2CKA001751A3128	10	

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

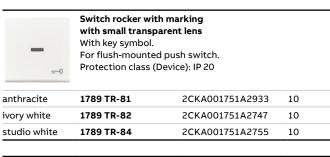
³⁾ For relay and touch dimmer applications.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
-	switch, intermediat switch 1gang 2way.	nounted 1gang 1way, 1gang e switch, push-button and	
	Protection class (De		
anthracite 	1789-81	2CKA001751A2928	10
ivory white	1789-82	2CKA001751A2813	10
studio white	1789-84-500	2CKA001751A3091	10/100
-		nounted 1gang 1way, 1gang e switch, push-button and	
anthracite	1789 N-81	2CKA001751A3147	10/100
ivory white	1789 N-82	2CKA001751A3148	10/100
studio white	1789 N-84-500	2CKA001751A3151	10/100
		,	
_	With "Plug" icon.	rent lens	a al 2 a a l a
-	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way.	nounted switch 1g1w DP a marking "I O" nounted 1gang 1way, 1gang e switch, push-button and	g 2way
anthracite	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat	nounted switch 1g1w DP a marking "I O" nounted 1gang 1way, 1gang e switch, push-button and	g 2way
anthracite ivory white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20	g 2way I control
	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157	g 2way d control
ivory white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol.	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, interm	2 2way d control 10/100 10/100 10/100
ivory white studio white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol. For flush-mounted ipush switch. Protection class (De	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, intermeduce): IP 20	2 2 way 1 control 10/100 10/100 10/100 ediate,
ivory white studio white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol. For flush-mounted push switch.	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, interm	2 2way d control 10/100 10/100 10/100
ivory white studio white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol. For flush-mounted push switch. Protection class (De 2520 LI-81	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, intermevice): IP 20 2CKA001751A3186	10/100 10/100 10/100 ediate,
ivory white studio white anthracite ivory white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol. For flush-mounted push switch. Protection class (De 2520 LI-81 2520 LI-82	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, intermevice): IP 20 2CKA001751A3186 2CKA001751A3186	10/100 10/100 10/100 10/100 10/100 ediate,
ivory white studio white anthracite ivory white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol. For flush-mounted push switch. Protection class (De 2520 LI-81 2520 LI-82	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, intermevice): IP 20 2CKA001751A3186 2CKA001751A3187 2CKA001751A3190 marking push switch.	10/100 10/100 10/100 10/100 10/100 ediate,
anthracite ivory white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol. For flush-mounted push switch. Protection class (De 2520 LI-81 2520 LI-82 2520 LI-82 2520 LI-84-500 Switch rocker with With key symbol. For flush-mounted	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, intermevice): IP 20 2CKA001751A3186 2CKA001751A3187 2CKA001751A3190 marking push switch.	10/100 10/100 10/100 10/100 10/100 ediate,
anthracite ivory white	With "Plug" icon. As cover for flush-m with neon lens and As cover for flush-m switch, intermediat switch 1gang 2way. Protection class (De 1789 ST-81 1789 ST-82 1789 ST-84-500 Switch rocker with With symbol. For flush-mounted push switch. Protection class (De 2520 LI-81 2520 LI-82 2520 LI-84-500 Switch rocker with With key symbol. For flush-mounted protection class (De	nounted switch 1g1w DP at marking "I O" nounted 1gang 1way, 1gang e switch, push-button and evice): IP 20 2CKA001751A3157 2CKA001751A3161 marking switch 1g1w, 1g2w, intermevice): IP 20 2CKA001751A3186 2CKA001751A3187 2CKA001751A3190 marking push switch. evice): IP 20	10/100 10/100 10/100 ediate, 10/100 10/100

Product	Article-No.	Order-No.	Pack/Qty			
	Switch rocker with marking With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20					
Ģ						
anthracite	2520 KI-81	2CKA001751A3176	10/100			
	2520 KI-81 2520 KI-82	2CKA001751A3176 2CKA001751A3177	10/100 10/100			







Switch rocker with marking with small transparent lens

With bell symbol.

For flush-mounted push switch. Protection class (Device): IP 20

anthracite	1789 KI-81	2CKA001751A2932	10	
ivory white	1789 KI-82	2CKA001751A2746	10	
studio white	1789 KI-84	2CKA001751A2754	10	



Rocker 1) 2) with labelling field

With bell symbol.

With pilot $\overline{\mbox{lamp}}$ for uniform illumination of the labelling field.

For flush-mounted push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20

anthracite	1764 NLI/KI-81	2CKA001731A3998	10/100
ivory white	1764 NLI/KI-82	2CKA001731A3999	10/100
studio white	1764 NLI/KI-84-500	2CKA001731A4002	10/100

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	labelling field. Fo intermediate, pus	or uniform illumination or r flush-mounted switch sh switch. ield: 59.7 x 11.7 mm.	
anthracite	1764 NLI-81	2CKA001731A15	52 10
ivory white	1764 NLI-82	2CKA001731A18	76 10
studio white	1764 NLI-84	2CKA001731A18	77 10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com. 2) Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

0	Switch rocker with marking with small red spherical cap With imprint "0" and "I". As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20			
anthracite	1788-81	2CKA001751A2927	10	
ivory white	1788-82	2CKA001751A2742	10	
studio white	1788-84	2CKA001751A2750	10/100	

Helrung	Switch rocker with marking with small red spherical cap With marking "Heizung". As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. As cover for 2-pole or 3-pole flushmounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20				
anthracite	1789 H-81	2CKA001751A2929	10		
ivory white	1789 H-82 2CKA001751A2743 10				
studio white	1789 H-84	2CKA001751A2751	10		



Card switch 10 A 1)

SP, with normally open contact (operating current) Illuminable.

With N terminal.

Rated voltage: 250 V~, Rated current: 10 A Protection class (Device): IP 20IEC60669-1, British

	Standard EN 60669-1			
	2025 U	2CKA001012A1713	10	
Mounting boxes:	35 mm deep flus or Dual Box 3070	5 5		
2gang product combinations:	2gang combinat APBS in Dual Box	ion with adapter plate conly.		
delivery form:	Adanter plate AF	PRS to be ordered separate		

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Switch rocker with marking

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. DO NOT DISTURB

Protection class (Device): IP 20

anthracite	1786/11-81	2CKA001751A3207	10
ivory white	1786/11-82	2CKA001751A2997	10
studio white	1786/11-84	2CKA001751A2998	10

Product	Article-No.	Order-No.	Pack/Qty



Switch rocker with marking

For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM

Protection class (Device): IP 20

anthracite 1785/11-81 2CKA001751A3205 10 1785/11-82 2CKA001751A2991 10 ivory white 1785/11-84 2CKA001751A2992 studio white 10



Bell push-switch DND/MUR

with marking "Do not Disturb" and "Make up Room"

two seperate LED indicators with screw-type terminal Rated voltage: 250 V~

Rated current: 10 ABS EN 60669-1, IEC 60669-1

anthracite	2029 UC-81	2CKA001751A3167	1
ivory	2029 UC-82	2CKA001751A3168	1
studio white	2029 UC-84	2CKA001751A3170	1



Cover plate

For card switch.

For insert 2025 U. Suitable for cards sized 54 x 86 mm. The inner part of the cover plate is made of lightconducting plastic, so that the card slot is illuminated. Protection class (Device): IP 20

anthracite	1792-81	2CKA001710A3639	10
ivory white	1792-82	2CKA001710A3640	10
studio white	1792-84	2CKA001710A3641	10



Pull switch 1)

SP, with normally open contact (operating current)

With 2-metre pull cord, red handle, and red neon indicator.

Rated voltage: 250 V~

Rated current: 10 A

2020/01 US-101 2CKA001413A1112 1) Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Pull switch 1)

SP. break contact

With 2-metre pull cord, red handle, and red neon

indicator.

Rated voltage: 250 V~ Rated current: 10 A

2020/10 US-101 2CKA001413A1111

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



open for red pull switch neon indicator

For pull switch 2020/xx US. Protection class (Device): IP 20

anthracite	1720-81	2CKA001731A1914	10
ivory white	1720-82	2CKA001731A1915	10
studio white	1720-84	2CKA001731A1916	10

Rocker switches / push switches

Dimmers

Product

Product	Article-No.	Order-No.	Pack/Qty
	Three-step rotary	/ switch ¹) ²)	
The second second	SP, with zero pos	ition	
	With zero position.		
. 0 .	Rated voltage: 250 V~		
	Rated current: 16	A	
Sec.	Protection class (Device): IP 20	
	2710 U	2CKA001101A0918	1/10
	<u> </u>	2CKA001101A0918	1/10



Three-step rotary switch 1) 2) SP, without zero position

Without zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2/10/1 0	2CKA001101A0919	1/10

 $^{^{\}mbox{\tiny 1)}}$ Install only in conjunction with wall boxes ø 60 mm.

 $^{^{2)}}$ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



Cover plate with rotary control, with marking

As cover for flush mounted three-step rotary switch. With zero position. For insert 2710 $\,\mathrm{U}$

Protection class (Device): IP 20

studio white	2542 DR/01-84	2CKA001710A3646	10
ivory white	2542 DR/01-82	2CKA001710A3645	10
anthracite	2542 DR/01-81	2CKA001710A3644	10



Cover plate with rotary control, with marking

As cover for flush mounted three-step rotary switch.

Without zero position. For insert 2710/1 U.

Protection class (Device): IP 20

anthracite	2542 DR/02-81	2CKA001710A3649	10
ivory white	2542 DR/02-82	2CKA001710A3650	10
studio white	2542 DR/02-84	2CKA001710A3651	10



Cover plate ¹)

for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal

Protection class (Device): IP 20

anthracite	1796-81	2CKA001753A0308	10
ivory white	1796-82	2CKA001753A0309	10
studio white	1796-84	2CKA001753A0311	10

¹⁾ Exchanging the available cover/cover plate.

[7]	[0]
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IFI	IPI

Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel

Article-No.

For Friends of Hue smart switch rocker 6736 FoH-8xx.

Smart light switch for wireless remote control of Philips
Hue lamps

Order-No.

Pack/Qty

For switching/dimming of Philips Hue lamps.

For storing, recalling and dimming of max. 2 individual light scenes.

Battery-free and maintenance-free thanks to "Energy Harvesting".

Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later).

Can be combined with switch ranges carat®, Buschdynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.

Can be freely mounted in the room using the enclosed adhesive tape and mounting plate.

Including fixing plate for mounting on smooth walls or on switch boxes.

Including mounting components: Double-sided tape + decorative sticker.

6716 U-500 2CKA006710A0014 1



Rocker

For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Buschdynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.

anthracite	6736 FoH-81	2CKA006730A0133	1
ivory white	6736 FoH-82	2CKA006730A0134	1
studio white	6736 FoH-84	2CKA006730A0136	1

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
		,	
	Flush-mounter With rotary co 2-wire connect Optimised for For dimmable For dimmable electronic trans For incandesce lamps, low-vol electronic trans halogen lamps Mix operaton of Via mode swit control and tra Low-noise leve With electronic With electronic With adjustabl Without cover Rated voltage: Rated frequen Nominal powe Protection clas Temperature r	ent lamps, 230 V tungsten halotage halogen lamps with conversion of LEDi with conventional load ch adjustable between leading ailing edge control. el by MOSFET transistors. c short-circuit protection. do overload protection. le minimum brightness. plate. 230 V~, + 10% / - 10% cy: 50 Hz/60 Hz r: 2 - 100 W/VA (retrofit LED loads (Device): IP 20 ange (Device): 0 °C to 35 °CIEC and EN 60669-2-1	quired) s (LEDi). ventional or ogen entional or gy-saving s possible. g edge
	6523 U-102-5	00 2CKA006512A0335	1/10

 $^{1)}\\ Illuminable$ with neon lamp. Neon lamp included in delivery with cover plate.





Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7)

Very small installation depth: < 20 mm Without claws.

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum/maximum brightness.

 $\label{low-noise} \mbox{Low-noise level by MOSFET transistors.}$

With electronic short-circuit protection.

With electronic overload protection.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (leading edge control)

Nominal power: 2 - 400 W/VA (trailing edge control)

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 UR-103-500 2CKA006512A0345 1/10

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾Also applicable for 1gang 2way installations. ⁵⁾ Provided with terminal for net disconnection devices.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ In case of electronic transformers, 5 % transformer losses.

²⁷ In case of electronic transformers, 5 % transfo ⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

Touch dimmer.

2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.

Mix operaton of LEDi with conventional loads possible. With adjustable minimum brightness.

The minimum brightness for the leading edge control can be adjusted using the potentiometer.

The potentiometer at the left limit stop corresponds with the trailing edge control mode.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und

6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads).

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323

1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Recommendation: Please use loads and types of one producer.
- ⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R, 60-600 W

With rotary control, 2way On-Off switching and soft-catch. Leading Edge control.

For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1. British Standard EN 60669-2-1



2250 U-500

2CKA006515A0848

1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RL, 20-500 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 20 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



2247 U-500

2CKA006512A0302

1/10

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) 6)

UP, RL, 200-700 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

Short-circuit-proof, overload-protected. With adjustable minimum brightness.

Without cover plate.

Without claws. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6520 U-500 2CKA006520A0227

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 2) In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 6) Should be mounted in a seperate wallbox.

²⁾ Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Provided with terminal for net disconnection devices.

Dimmers

carat®

Product Article-No. Order-No. Pack/Qty Busch-2gang switch/rotary dimmer 1) 2) 3) flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 RL ⇔⊐ 6517 U-101-500 2CKA006517A0018

 $^{1)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

3) Can be used to replace a 2gang 1way switch.



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

With rotary control, soft-catch and with trailing edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 40 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6513 U-102-500

2CKA006513A0586

1/10

- 1) Not suitable with conventional transformers.
- 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices.
- 5) Also applicable for 1gang 2way installations.
- 6) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

DP switched

With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate. DP cut off (P,N)

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6514 U-500

2CKA006514A0115

- 1) Not suitable with conventional transformers.
- 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices
- 5) Also applicable for 1gang 2way installations.
- $^{\rm 6)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RLC, 60-420 W

with soft-catch

With intelligence for universal operation.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control

6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6591 U-101-500

1/10

2CKA006513A0588

 $^{\mbox{\tiny 1)}}$ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.

- 2) In case of electronic transformers, 5 % transformer losses ³⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073,
- Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Cannot be combined with a 2way switch.



Busch-rotary dimmer, extension 1) 2) flush mounted

for connection to 6591 U-101,

To be used with Busch-Dimmer®, MDRC 6583.

with soft-catch

A maximum of 5 multi-way extensions can be connected to a 6591U-101, Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz



6592 U-500

2CKA006513A0590

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

¹⁾ Control elements 2115-xxx and 6540-xxx.

²⁾ Required for illuminating the N-connection control element.

Dimmers

carat®

Product	Article-No.	Order-No.	Pack/Qty
The state of the s	Busch-rotary dimmer ¹) ²) flush mounted, 1-10V With rotary control. For controlling ballast unit control output 1-10 V DC, of For LED control via control Without cover plate. Rated voltage: 230 V~, +10 Rated frequency: 50 Hz - 6 Rated power: 700 W/VA IEC 60669-2-1, British Star		50 mA DC.
	2112 U-101-500	2CKA006599A2873	1/10

¹⁾ Non-illuminable.

⁴⁾ Making-current limiters have to be provided in case of too high making currents.



Busch-rotary dimmer 1)

Flush-mounted, DALI, tunable white

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation.

For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K -

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or

central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116 U 2CKA006599A3025 Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1)

Flush-mounted, DALI, with internal power supply, tunable white

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K -6.500 K.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116/11 U

2CKA006599A3026

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Use cover plates 2115 J-.../2115-.../6540-... .

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) flush mounted, DALI For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-With rotary control and ON/OFF push operation. Fool proved. Brightness power-on level and backround brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA. Not suitable for combining with other DALI sensors or central units of other manufacturers. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Busch-rotary dimmer 1)

flush mounted, DALI, with internal power supply

2CKA006599A2987

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in

Not suitable for combining with other DALI sensors or central units of other manufacturers

DALI-voltage: 15,5 V= Rated current: max. 75 mA Power consumption: < 2,5 W Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.

Passive mode: the potentiometer is suitable as

additional operation point. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2117/11 U-500 2CKA006599A2988 Product Article-No. Order-No. Pack/Qty



Busch-touch dimmer 1) 2) flush mounted, RL, 25-500 W

With light-level memory and leading edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional

Compatible with control covers 6543-xxx-10x.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Parallel operation of several transformers and/or incandescents lamps possible.

Without control cover.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

IEC 60669-2-1, British Standard EN 60669-2-1



6560 U-101-500

Rated power: 25 - 500 W/VA

2CKA006560A1207

1/10

 $^{1)}\,\mbox{In}$ the case of conventional transformers, take ~20% transformer loss into account. ²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch touch-dimmer range 1) 2) 3) 4) flush mounted, RC, 45-315 W

For switching and dimming 2 independent devices. With trailing edge control.

2gang 1way

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Compatible with control covers 6545-xxx. Without cover, without cover plate.

Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British Standard EN 60669-2-1



6565 U-500

2CKA006565A0057 1/10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Not suitable with conventional transformers.

²⁾ In case of electronic transformers, 5 % transformer losses. 3) Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Does not provide an extension input.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
Product	Busch-touch din flush mounted, I With light-level n operation. Selectable Soft-Capacity expans load line with a ppossible. For incandescent and low-voltage transformers or Short-circuit-prowith touch control Operation also p (2020 US, 2021/6 Without control For control cover	nmer 1) 2) 3) 4) RLC, 60-420 W nemory and intelligence DN/OFF function and m ion via output-side, par ower module 6594 U up at lamps, 230 V tungsten halogen lamps with core electronic transformers oof, overload-protected. iol. oossible via conventiona is UK). cover.	e for universal nemory function. allel connectable to 735 W/VA n halogen lamps nventional i. I push buttons
	For comfort time For Busch-Watch Standard 6810-2 For Busch-Watch Comfort II 6800- For Busch-Watch 6813/11-xxx. Combinable with 6805 U. Rated voltage: 23 Rated frequency Rated power: 60	idog 180 flush-mounted xxx-104 and 6800-xxx-1 idog Presence tech 6813 n Busch-Watchdog exter 30 V~, +10 % / -10 % : 50 Hz	-101-500. I Sensor O4M. 3-xxx-101 und

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.

2CKA006590A0171

²⁾ In case of electronic transformers, 5 % transformer losses.

6593 U-500

⁴⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-Dimmer®, capacity booster ¹) flush mounted, RLC, 200-315 W

The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 315 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6594 U-500 2CKA006590A0172





Busch-touch dimmer 1) 2) 3) flush mounted, 1-10V

3 wire connection (neutral conductor required).

For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und

6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

2CKA006550A0042

For LED control via control gears

Without control cover.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 700 W/VA

6550 U-101-500

IEC 60669-2-1, British Standard EN 60669-2-1

¹) Non-illuminable

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ with integrated making-current limiter



Cover plate 1)

with rotary knob, with indication lamp

Elevated knob.

With transparent luminous ring.

For Busch-Dimmer®.

For inserts

2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.

anthracite	6540-81-102	2CKA006599A2950	10
ivory white	6540-82-102	2CKA006599A2951	10/100
studio white	6540-84-102-500	2CKA006599A3009	10/100

¹⁾Replacement neon lamp, Art. No. 3855.



anthracite

ivory white

Control element 1) 2) 3) with neon lamp

Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert

2CKA006599A3010

1/10

³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

studio white 6543-84-101-500

¹⁾ Compatible with previous type 6543-xxx.

²⁾ Touch-type Controller 6550 U-xxx non-illuminable.

³⁾ Replacement neon lamp 3857.

Dimmers

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Control element ¹) with neon lamp Combinable with E	Busch-Memory 2gang dimm	ner 6565 U.
anthracite	6545-81	2CKA006599A2906	1/10
anthracite ivory white	6545-81 6545-82	2CKA006599A2906 2CKA006599A2907	1/10 1/10

PREPARADO	Cover plate for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01.		
anthracite	6541-81	2CKA006599A2882	10
ivory white	6541-82	2CKA006599A2832	10
studio white	6541-84	2CKA006599A2835	10

roduct	Article-No.	Order-No.	Pack/Qt
Found Special States of the Control	For Busch-Watchdo Standard 6810-21x-For Busch-Watchdo Comfort II 6800-xx For Busch-Watchdo 6800-3x-102C. For Busch-Watchdo 6813/11-xxx. For comfort timer of Busch-Remote For control cover w Combinable with B 6805 U. Operation also pos (2020 US, 2021/6 U Rated voltage: 230 Rated frequency: 5 Outputs: 1x Norma Suitable for: 230 V lamps, fluorescent lamps, that are ope Rated current: 10 A Rated power: 2300	neutral conductor requiring 180 flush-mounted Ser 101. 19 180 flush-mounted ser 101. 19 180 flush-mounted ser 102. 19 180 FP sensor for All Word 180 FP s	nsor 1. I/eather 44 x-101 und -500. 067-xxx-10x. x-10x. n insert sh buttons al-bound V halogen alogen
	ث⊐⊡≬≠□ः		
	6401 U-102-500	2CKA006401A0049	1/10



Busch-Universal 2gang 1way insert

3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs.

For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

6402 U-500

2CKA006401A0051 1/10 Mounting 35 mm deep flush 1gang boxes: or Dual Box 3070-2/35 BSDB. 2gang combination with adapter plate combinations: APBS in Dual Box only. neon indicator: neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	3 wire connection For Busch-Watch Standard 6810-2 For Busch-Watch Comfort II 6800- For Busch-Watch 6813/11-xxx. Rated voltage: 23 Rated frequency Outputs: 1x Norr Suitable for: 230 lamps, fluoresce	dog 180 flush-mounted xxx-104 and 6800-xxx-1 dog Presence tech 681 80 V, +10 % / -10 % 50 Hz nally open contact, pot V incandescent lamps, nt lamps and low-voltar perated via transforme	d Sensor d sensor 104M. 3-xxx-101 und ential-bound 230 V halogen ge halogen
	Temperature ran Standard EN 606 ☼ ⊒ा_> ::	ge (Device): 0 °C to 55 ' 69-2-1	°CBritish



Busch-Watchdog MOS-Fet Insert 1) 2) 3) 4) 5) 6)

2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

2CKA006800A2160

1/10

1/10

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.

Rated power: 60 - 420 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

₽₽₽₽

6804 U-101-500 2CKA006800A2219





Busch-Watchdog extension insert 1)

3 wire connection (neutral conductor required).
For extending Busch-Watchdog 180 flush-mounted and
Busch-Watchdog Presence tech installations.
For combination with relay insert 6401 U-102 and

For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Control/Signal outputs: 1, electronic output, potential-

bound

Temperature range (Device): 0 °C to 35 °C

	remperature range (bevice). 0 C to 33 C			
	6805 U-500	2CKA006800A2161	1/10	
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
Cover frames:	1gang frame 1721 BS-2 or Dual Box frame 172			
2gang product combinations:	2gang combination w APBS in Dual Box only			

¹⁾ Not combinable with relay switch insert 6812 U-101.



Busch-Watchdog 180 flush-mounted comfort sensor II $^{\rm 1}$)

with select-lens

For automatic switching of devices dependent on motion and brightness.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U.

With integrated selector switch for ON-AUTOMATIC-OFF

(lockable).

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed

down within 60 sec and switched off.
Surveillance density: 18 sectors with 72 switching

segments.

Switch-off delay: 10 sec to 30 min or short-time pulse

1 sec adjustable.

Detection range: frontal: 12 m, lateral: 8 m $\,$

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

anthracite	6800-81-104	2CKA006800A2268	1
ivory white	6800-82-104	2CKA006800A2099	1/10
studio white	6800-84-104	2CKA006800A2101	1/10

¹⁾ Please order the respective flush-mounted insert separately.

¹⁾ In case of electronic transformers, 5 % transformer losses.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.

⁴⁾Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relais.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty			
		180 flush-mounted com	fort			
	sensor II 1) 2)					
-	with multi-lens					
DAMES A	For automatic switching of devices dependent on					
100 months 10	motion and brigh	ntness.				
	For down-to-gro	und detection.				
	For relay inserts	6401 U-102, 6402 U and 68	312 U-101.			
	For MOS-Fet inse	For MOS-Fet insert 6804 U-101.				
	For extension ins	sert 6805 U.				
	With integrated s	selector switch for ON-AU	TOMATIC-OFF			
	(lockable).	(lockable).				
	Soft phase-out: I	n combination with the 69	593 U (mode			
	of operation: Soft OFF) the illumination is dimmed					
	down within 60 s	sec and switched off.				
	Surveillance dens	sity: 28 sectors with 112 sv	witching			
	segments.	-	_			
	Switch-off delay:	10 sec to 30 min or short	-time pulse			
	1 sec adjustable.		·			
	Detection range:	frontal: 15 m, lateral: 5 m,	Mounting			
	height: 2.5 m					
	Detection range	2: frontal: 10 m, lateral: 2.5	m, Mounting			
	height: 1.2 m					
	Detection angle: 180 °					
	Brightness limit value: 5 Lux Up to daytime operation					
	•	: 0.8 m - 1.2 m alternative:	•			
	Protection class		2.5			
		ge (Device): 0 °C to 35 °C				
anthracite	6800-81-104M	2CKA006800A226	9 1			
ivory white	6800-82-104M	2CKA006800A210	0 1			

¹⁾ installation: slide switch top.

studio white

6800-84-104M

Cover plate **Proximity switch** For proximity switch 6406 U.

anthracite	6476-81	2CKA006470A0007	1/10
ivory white	6476-82	2CKA006470A0003	10
studio white	6476-84	2CKA006470A0004	10

2CKA006800A2102

1/10

Product Article-No. Order-No. Pack/Qty Busch-Universal relay switch insert



3 wire connection (neutral conductor required). For switching lighting systems.

For Busch-Comfort switch control element 6815-...-101-500.

Can be combined with Universal-Slave insert 6440/05 U-500. Operation in 1gang 2way installations via push switch-unit for combination with flushmounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 2 supplementary inputs via 127 V push switch

For Busch-Presence detector sensor 6813-...-102-500.

(e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi

Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 2300 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

6440/01 U-500

2CKA006400A0085



Universal e-contact insert 1)

2-wire connection (neutral conductor not required) For switching lighting systems.

For Busch-Comfort switch control element

6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs

possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated power: 20 - 180 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1



6440/04 U-500 1) Only use dimmable high voltage LEDs. 2CKA006400A0088

²⁾ Please order the respective flush-mounted insert separately.

Droduct

carat®

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	For the extension Presence detector For communication 6440/01 U-500. For communication 6440/04 U-500. For Busch-Comfor 6815101-500. For Busch-Presen Rated voltage: 23 Rated frequency Control/Signal or bound Temperature ran	in (neutral conductor recond (neutral conductor recond of Busch-Comfort switter installations.) ion with Universal relayion with Universal-e-conduct switch control elements and the second of the se	insert intact insert ent 3102-500. eput, potential-

Busch-Comfort switch control element 1) 2) with neon lamp

6440/05 U-500

Movement detector/push-button switch combination. Push switch function possible at all times.

2CKA006400A0091

For switching lighting systems that depend on brightness and movement.

Extension of the detection range by means of master/ slave combination.

Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic

(motion-controlled) switch-on and switch-off. Adjustable operating mode: semiatuomatic, manual switch-on, automatic (time and motion-controlled) switch-off.

Adjustable operating mode: automatic switch-on, manual switch-off.

With continuous light/continuous off function. Adjustment elements on the rear.

Surveillance density: 9 sectors with 28 switching

Switch-off delay: 1 to 10 min., adjustable.

For Busch-Universal relay switch insert 6440/01 U-500.

For Universal-e-contact insert 6440/04 U-500.

For Universal-Slave insert 6440/05 U-500.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED for status display.

Detection range: frontal: 5 m, lateral: 3 m, Mounting

height: 1.1 m

Detection angle: 170 $^{\circ}$

Brightness limit value: 0.5 Lux - 500 Lux, Daytime

Mounting height: 0.8 m - 1.2 m

Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm

DIN EN 60669-2-1

anthracite	6815-81-101-500	2CKA006800A2828	1
ivory white	6815-82-101-500	2CKA006800A2830	1
studio white	6815-84-101-500	2CKA006800A2834	1

¹⁾ Please order the respective flush-mounted insert separately

Blind control / timers

Articla Na

Product	Article-No.	Order-No.	Pack/Qty	
	Key Switch Inser	t ¹) ²) ³)		
	breaking circuit,	•		
	For profile semi-	•		
		nd switched-off status the k	•	
100	pulled out in the central position, respectively.			
		t cylindrical lock.		
	Rated voltage: 250 V~ Rated current: 10 AX			
	Protection class (Device): IP 20IEC60669-1, British			
	Standard EN 606	• •	ILISII	
	2733 USL-101	2CKA001101A0914	10	
Mounting	35 mm deep flus	h 1gang		
boxes:	or Dual Box 3070	-2/35 BSDB.		
2gang product	2gang combinati	on with adapter plate		
combinations:	APBS in Dual Box	only.		
neon indicator:	not applicable			
delivery form:	Adapter plate AP	BS to be ordered separate.		
1) For installation of	n British Standard w	allboxes please use adapter pla	te APBS	

Order No

Back /Oty

³⁾See profile semi-cylindrical lock.



Blind switch insert 1) 2)

With interlock.

Rated voltage: 250 V~ Rated current: 10 AX

IEC60669-1, British Standard EN 60669-1

SP, switch		
2000/4 US-500	2CKA001012A2197	10/100
SP, push switch.		
2020/4 US-500	2CKA001413A1103	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.



Blind switch insert 1) 2)

With rotary knob/switch and push switch.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1. British Standard EN 60669-1

	DP 3)			
	2712 U	2CKA001101A0534	10	
	SP, N, E			
	2713 U	2CKA001101A0542	10	
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.			
neon indicator:	not applicable			
delivery form:	Adapter plate APBS to be ordered separate.			
1) O = 1			DIN 40072	

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ The range specifications refer to an ambient temperature of 21 °C.

³⁾ Surface painted.

^{(6599-0-2813), (}Depth of box 60 mm.)

²⁾ Use the cylindrical lock according to the enclosed drawing.

²⁾ Blind switches/push switches prevents fast change over between operating directions

³⁾ Also suitable for controlling direct voltage drives.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
8 %19 0	Blind switch inse With rotary knob, Rated voltage: 25 Rated current: 10 Protection class (/push button. 0 V~ A	

DP ³)			
2722 U	2CKA001101A0559	10	
SP, N, E			
272211	2CK A001101 A0567	10	

IEC60669-1, British Standard EN 60669-1

³⁾ Also suitable for controlling direct voltage drives.



Blind switch/push-switch 1) 2) 3) 4)

For profile semi-cylindrical lock/switch and push-switch. Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP ⁵)			
2712 USL-101	2CKA001101A0872	10	
SP, N, E			
2713 USL-101	2CKA001101A0880	10	

 $^{^{1)}}$ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

⁵⁾ Also suitable for controlling direct voltage drives.



Blind switch insert 1) 2) 3) 4)

For profile semi-cylindrical lock/push-button. Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

British Standard EN 60669-1, IEC60669-1

DP ⁵)				
2722	USL-101	2CKA001101A0898	10	
SP, N	, E			
2723	USL-101	2CKA001101A0906	10	

¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

Product	Article-No.	Order-No.	Pack/Qty



DIN profile-semi cylindrical lock

Acc. to German Standard DIN 18252.

Total length 40 mm

for blind switches and push switches

For inserts 2712/2713/2722/2723/2733 USL-101 and

2712/2733 SLW-5x.

Protection class (Device): IP 20

different lock m	different lock mechanism, with 3 keys			
0520 PZ-VS	2CKA000470A0013	1/100		
lock mechanism	n, with 3 keys			
0521 PZ-GS	2CKA000470A0021	1/100		



Comfort blind insert 1) 2) 3)

with memory and positioning function

For the manual and automatic control of roller blinds.
The roller blind moves to the position set using the turn knob.

Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off.

 $\label{thm:conductor} \textbf{Suitable for operation without neutral conductor}.$

Without an extension input.

Power reserve of 45 minutes (maintenance-free as

capacitor).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Outputs: 2x Normally open contact

Rated current: 1.3 A, $\cos \phi$ 0.5 Rated power: 300 VA

Temperature range (Device): 0 °C to 35 °C

6419 U	2CKA006410A0390	1/10
0419 0	2CKA000410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

³⁾ Only suitable for single unit control.



Basic blind insert 1) 2)

2-wire blind insert

Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.

Suitable for operation without neutral conductor.

Without an extension input.

For control cover 6430-xx-xxx.

For standard timer control element 6456-101.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz

Outpute: 2x Normally on

Outputs: 2x Normally open contact Rated current: 3 A, $\cos \phi$ 0.5 Rated power: 690 VA

Temperature range (Device): 0 °C to 35 °C

	6418 U-500	2CKA006410A0376	1/10	
Mounting boxes:	35 mm deep flush 1 or Dual Box 3070-2/	<i>y y</i>		
2gang product combinations:	3 3			
No end at a constitue of the constitue title and the constitue of the cons				

¹⁾ N-conductor connection required for operation with control cover 6430-7x, illuminated.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Blind switches/push switches prevents fast change over between operating directions.

 $^{^{\}it z)}$ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

²⁾ Blind switches/push switches prevents fast change over between operating directions.

 $^{^{}m 3)}$ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty	
-	Busch-Blind cont	rol II switch insert 1)		
1	Suitable for blind	roller blind and awning	g drives with	
	mechanical or ele	ctronic limit switch shu	ut-off.	
8	With two 230 V m group control.	ulti-way input terminal	s (Up/Down) for	
-	With operating m	ode switch for the follo	owing modes:	
	normal, louvre, ba	se station, position.		
	With party function	With party function (disables the local control unit) in		
	combination with Busch-Blind control II control cover			
	6430-xx-xxx, 6066	S-xx-xxx.		
	Wind alarm, clean	ing functions can be a	ccommodated	
	via extension inpu	ıt.		
	For control cover	6430-xx-xxx.		
	For IR control eler	nent 6066-xx-xxx.		
	For comfort time	control element 6455-	-101-500.	
	Running time: 3 m	nin		
	Rated voltage: 23	0 V~, +10 % / -10 %		
	Rated frequency:	50 Hz		
	Outputs: 2x Norm	Outputs: 2x Normally open contact		
	Rated current: 3 A	, cos φ 0.5		
	Rated power: 690	VA		
	Control/Signal ou	itputs: 2		
		ge (Device): 0 °C to 35 °	С	

¹) Compatible with types 6411 U/x.



Brightness sensor

6482

6411 U-500-101

For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.

2CKA006410A0378

2CKA006410A0203

1/10

6414-101	2CKA006410A0389	1/10
Sun sensor For insert 6411U Measuring range		





Busch-Short-time timer insert ¹) countdown timer

For time-programmed switching of electrical consumers.

With control cover, without cover plate. Minimum timer time: 1 second. Maximum timer time: 9:59:59 hours. Rated voltage: 230 V₇, +10 % / -10 %

Rated frequency: 50 Hz Outputs: 1x Normally open contact Rated current: 10 A, cos ϕ 1 Rated power: 2300 VA

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

	British Standard EN 60669-2-1			
	6465 U-101-500	2CKA006410A0393	1/10	
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	3		
Cover frames:	1gang frame 1721 BS-2 or Dual Box frame 172			
2gang product combinations:	2gang combination w APBS in Dual Box only			
neon indicator:	not applicable			

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker with marking

As cover for flush-mounted blind control switch/push switch.

For inserts 2000/4 and 2020/4 US. Protection class (Device): IP 20

Studio Willic	17053A-04-500	ECKA001731A3000	10/100	
studio white	1785 JA-84-500	2CKA001751A3088	10/100	
ivory white	1785 JA-82	2CKA001751A2748	10	
anthracite	1785 JA-81	2CKA001751A2934	10	



Cover plate

with rotary control, with marking

As cover for flush-mounted blind control switch/push switch.

For inserts 2712 U, 2713 U and 2722 U, 2723 U. Protection class (Device): IP 20

anthracite	1740-81	2CKA001710A3623	10
ivory white	1740-82	2CKA001710A3154	10
studio white	1740-84	2CKA001710A3172	10/100



Cover plate 1) with labelling field

With marking.

For half-cylindrical type switches and blind control switch/push-switch.

For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.

Protection class (Device): IP 20

anthracite	1755 SL/PZ-81-101	2CKA001710A3626	10
ivory white	1755 SL/PZ-82-101	2CKA001710A3157	10
studio white	1755 SL/PZ-84-101	2CKA001710A3175	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty		
Δ	Control element	rol II insert 6411 II-101			
	For Busch-Blind control II insert 6411 U-101, 6411 U/S-101. For basic blind insert 6418 U				
abla	. o. basic billia lilber	2gang 1way insert 6402 l	J.		
anthracite	6430-81-102	2CKA006430A0326	1/10		
ivory white	6430-82-102	2CKA006430A0327	1/10		
studio white	6430-84-102-500	2CKA006430A0400	1/10		



Cover plate 1) with rotary knob

For comfort blinds insert 6419 U.

anthracite	6436-81	2CKA006430A0387	10
ivory white	6436-82	2CKA006430A0356	10
studio white	6436-84	2CKA006430A0358	10

 $^{^{9}\}mbox{Continuous}$ lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.



Standard timer control element 1)

For manual and time-controlled switching of blinds and roller blinds.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any

time.
Simple setting via high-resolution display with

background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Programming possible only with control element attached and energized.

2 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

For basic blind insert 6418 U.

Temperature range (Device): 0 °C to 35 °C

6456-101	2CKA006410A0398	1/10
0430-101	2CKA000410A0336	1/10

¹⁾ See respective cover plates 6435-xx.





Comfort timer control element 1)

For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function. Freely adjustable temperature and brightness-

dependent sun protection function. Freely adjustable twilight function.

User-adjustable running times for blinds and air conditioning.

Programming possible only with control element attached and energized.

6 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For Busch-Universal relay switch insert 6401 U-102.

For Busch-Universal master dimmer insert 6593 U.

For LED dimmer insert 6524 U and 6526 U..

For Busch-Memory touch-type controller 6550 U-101.

Temperature range (Device): 0 °C to 35 °C

6455-101-500 2CKA006410A0399 1/10

 $^{^{\}scriptscriptstyle 1)}\mbox{See}$ respective cover plates 6435-xx.



Time switch mechanism 16 A 1) 2)

DP, break contact for staircases, exterior lighting, fans, etc.

Running time: 15 min

For time-programmed switching of electrical consumers.

Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, $\cos \phi$ 0.25 Protection class (Device): IP 20

1070 U 2CKA001043A0025 1/10

For screw-fixing only

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	etc. Running time: 120 For time-progran consumers.	t for staircases, exterion of min of mined switching of election of V~, +10 % / -10 % A, cos \$\phi\$ 0.25	
	1071 U	2CKA001043A01	124 1

¹⁾ For screw-fixing only

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.

anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
studio white	6435-84	2CKA006430A0306	10



with rotary knob, with marking

For Busch-Timer insert 1070 U. Running time: 15 min Protection class (Device): IP 20

anthracite	1770-81-103	2CKA001753A0255	10
ivory white	1770-82-103	2CKA001753A0256	10
studio white	1770-84-103	2CKA001753A0258	10



Cover plate with rotary knob, with marking

For Busch-Timer insert 1071 U. Running time: 120 min

Protection class (Device): IP 20

anthracite	1771-81-103	2CKA001753A0265	10	
ivory white	1771-82-103	2CKA001753A0266	10	
studio white	1771-84-103	2CKA001753A0301	10	

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	
	SCHUKO® socket	outlet		
	With screwless ter	minals.		
0	DP (2 P + E)			
	Rated voltage: 250 V~			
	Rated current: 16 A	A		
Protection class (Device): IP 20				
anthracite	20 EUC-81-500	2CKA002011A6215	10/100	
ivory white	20 EUC-82-500	2CKA002011A6214	10/100	
studio white	20 EUC-84-500	2CKA002011A6207	10/100	



SCHUKO® socket outlet 1)

shuttered

With screwless terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCKS-81	2CKA002013A5265	10
ivory white	20 EUCKS-82-500	2CKA002013A5376	10/100
studio white	20 EUCKS-84-500	2CKA002013A5372	10/100

 $^{^{\}mbox{\tiny 1)}}\mbox{Increased shock protection}$.



SCHUKO® USB socket outlet 1) 2) 3) shuttered

With screwless terminals. DP (2 P + E).

With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection

and use of the SCHUKO® socket outlet.

Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz

Suitable for: SCHUKO® socket outlet

Rated current: 16 A
Suitable for: USB connection
Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

anthracite	20 EUCBUSB-81-500	2CKA002011A6176	1
ivory white	20 EUCBUSB-82-500	2CKA002011A6177	1
studio white	20 EUCBUSB-84-500	2CKA002011A6179	1/10

 $^{^{\}mbox{\tiny 1)}}\mbox{Connecting terminals approved in accordance with VDE 0620-1 as connectors.}$

³⁾Use dust cover 2098 when cleaning the device.



SCHUKO® socket outlet steplight® 1) 2) With night orientation light

with separate connection cables for switch contact.

with LED, Shuttered. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCBLI-81	2CKA002013A5459	1
ivory white	20 EUCBLI-82	2CKA002013A5292	1
studio white	20 EUCBLI-84	2CKA002013A5294	1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ No data transfer.

²⁾ Resistant to aggressive media, e.g. ammonia, benzine, oils, greases, alcohol, cleansing agents, in normal concentrations.

Socket outlets

Article-No.	Order-No.	Pack/Qty
with labelling field DP (2 P + E) Size of labelling fie Rated voltage: 250 Rated current: 16 A	ld: 60 x 9 mm. V~	
20 EUN-81	2CKA002011A3802	10
20 EUN-82	2CKA002011A3726	10
20 EUN-84-500	2CKA002011A6209	10/100
	SCHUKO® socket o with labelling field DP (2 P + E) Size of labelling fiel Rated voltage: 250 Rated current: 16 A Protection class (D 20 EUN-81	SCHUKO® socket outlet ¹) with labelling field DP (2 P + E) Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20 20 EUN-81 20 CKA002011A3802 20 EUN-82 20 CKA002011A3726

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



SCHUKO® socket outlet ¹) with marking "EDV" With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

anthracite	20 EUCKS/DV-81	2CKA002013A5266	10
ivory white	20 EUCKS/DV-82	2CKA002013A5267	10
studio white	20 EUCKS/DV-84	2CKA002013A5268	10

 $^{^{\}mbox{\tiny 1)}}$ Increased shock protection .



Busch-Protector® SCHUKO® socket outlet ¹) with overvoltage protection

DP (2 P + E)

With integrated and external signalling contact.

ISN = 5 kA

Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.

Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and

SCHUKO® socket outlet.

Arrestor test class: classification Type 2

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	2310 EUGL/VA-81-11	2CKA002011A3830	1
ivory white	2310 EUGL/VA-82-11	2CKA002011A3831	1
studio white	2310 EUGL/VA-84-11	2CKA002011A3833	1
red RAL 3020	2310 EUGL/ VA-12-82-101	2CKA002011A6257	1/10

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.



SCHUKO® socket outlet with LED control light

Shuttered. DP (2 P + E)

With transparent lens. LED colour green. Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

anthracite	20 EUCBL-81	2CKA002013A5457	10	
ivory white	20 EUCBL-82	2CKA002013A5284	10	
studio white	20 EUCBL-84	2CKA002013A5286	10	

Product	Article-No.	Order-No.	Pack/Qty



SCHUKO® socket outlet with hinged lid

With screwless terminals.

DP (2 P + E)

Hinged lid notches when opened.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUK-81	2CKA002018A1486	10
ivory white	20 EUK-82	2CKA002018A1465	10
studio white	20 EUK-84-500	2CKA002018A1509	10/100



Busch-Object socket outlet 1)

shuttered

With screwless terminals.

DP (2 P + E)

Incl. Cover plate with extract mechanism.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUAB-81	2CKA002013A5404	10	_
ivory white	20 EUAB-82	2CKA002013A5405	10	
studio white	20 EUAB-84	2CKA002013A5407	10	

¹⁾ Increased shock protection .



Socket outlet 1) 2) with earthing pin

With screwless terminals. Shuttered. DP (2 P + E). For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Suitable for the countries like Poland, Czech Republic.

Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz

Suitable for: Socket outlet connection

Rated current: 16 A Suitable for: USB connection Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

	3 .		
anthracite	20 MUCBUSB-81-500 2CKA002017A0893	1	
ivory white	20 MUCBUSB-82-500 2CKA002017A0875	1	
studio white	20 MUCBUSB-84-500 2CKA002017A0876	1	

¹⁾ No data transfer.

 $^{^{\}mbox{\tiny 2)}}\mbox{Use}$ dust cover 2098 when cleaning the device.



Shaver socket outlet

For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Rated power: 20 VA

anthracite	2332 UJBS-81	2CKA002130A0297	1
ivory	2332 UJBS-82	2CKA002130A0290	1
studio white	2332 UJBS-84	2CKA002130A0292	1

studio white

carat®

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
19	Protection class (outlet 2332 UJBS-8xx.	.7 mm
	3030	2CKA001741A0067	4
-	For shaver socket Protection class (cavity wall box, 2gang coutlet 2332 UJBS-8xx. Device): IP 20 W x D): 142 mm x 82 mm x 4	95 mm
	3031	2CKA001741A0068	4
	13 A Switched so	 cket outlet	

	1gang With screw-type terminals. SP switched. Without claws. Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122. Rated voltage: 250 V~ Rated current: 13 ABS 1363: part2		
anthracite	2190 EUC-81	2CKA002190A0216	10/100
ivory	2190 EUC-82	2CKA002190A0213	10/100
studio white	2190 EUC-84	2CKA002190A0215	10/100

	2gang European/American socket outlet, 10A
4 1	2gang With screw-type terminals. SP switched. Without claws. Rated voltage: 250 V~ Rated current: 10 A
	delivery on request
anthracite	2192-02 UC-81-500
	delivery on request
ivory white	2192-02 UC-82-500
	delivery on request
studio white	2192-02 UC-84-500

Socket outlet 1) with earth pin

With screwless terminals. Suitable for the countries: Belgium, Poland, Czech Republic.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

20 M-500 2CKA002017A0854 10/100

¹⁾ Insert can be used for all covers 2399 UCKS-xx.



Socket outlet cover frame shuttered

For socket outlet insert 20 M-500.

anthracite	2399 UCKS-81	2CKA002099A0216	10
ivory	2399 UCKS-82	2CKA002099A0211	10
studio white	2399 UCKS-84	2CKA002099A0214	10

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet with earthing pin With screwless tel Suitable for the co DP (2 P + E) Rated voltage: 250 Rated current: 16 A Protection class (1	rminals. puntries like Poland, Czech) V~ A	Republic.
ivory white	20 MUC-82-500	2CKA002017A0785	10/100

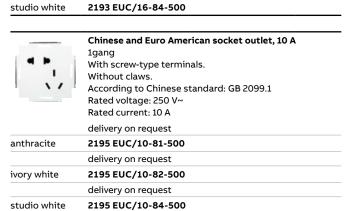
2CKA002017A0786

10/100

20 MUC-84-500

1,	Chinese socket outlet, 10 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A Rated current: 10 A
anthracite	2193 EUC/10-81-500 CBA019A121S4010 10/40
	delivery on request
ivory white	2193 EUC/10-82-500
	delivery on request
studio white	2193 EUC/10-84-500

.,	Chinese socket outlet, 16 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 16 A	
nthracite	2193 EUC/16-81-500 CBA019A112S4010	10/40
	delivery on request	
ory white	2196 EUC/16-82-500	
	delivery on request	





International socket outlet 13A 1)

1gang With screw-type terminals. Without claws.

Rated voltage: 250 V~ Rated current: 13 A

anthracite	2197 EUC-81-500	CBA019A071S4010	10/40
ivory white	2197 EUC-82-500	CBA019A071S3010	10/40
studio white	2197 EUC-84-500	CBA019A071S1010	10/40

¹⁾ Usage may be restricted in certain countries.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	
	Euro American soc	ket outlet with earth, 16 A	<u> </u>	
	With screw-type terminals. Without claws. Rated voltage: 250 V~ Rated current: 16 A			
anthracite	2196 EUC-81-500	CBA019A082S4010	10/40	
ivory white	2196 EUC-82-500	CBA019A082S3010	10/40	
studio white	2196 EUC-84-500	CBA019A082S1010	10/40	



SCHUKO® socket outlet without claw 1)

shuttered

Without claws. With screwless terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

anthracite	20 EUCRB-81	2CKA002013A5437	10/100
ivory white	20 EUCRB-82	2CKA002013A5438	10/100
studio white	20 EUCRB-84-500	2CKA002013A5441	10/100

 $^{^{1)}}$ Increased shock protection .



SCHUKO® socket outlet 1) 2) shuttered

With screw-type terminals.

DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	2300 EUCB-81	2CKA002013A5448	10
ivory white	2300 EUCB-82	2CKA002013A5449	10/100
studio white	2300 EUCB-84	2CKA002013A5451	10/100

¹⁾ Increased shock protection .

²⁾ With screw-type terminals



Busch-Socket outlet 1)

shuttered

With screwless terminals.

DP (2 P + E)

With eject mechanism.

Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

anthracite	20 EUCBDR-81	2CKA002013A5415	10
ivory white	20 EUCBDR-82	2CKA002013A5416	10
studio white	20 EUCBDR-84	2CKA002013A5418	10

 $^{^{\}scriptscriptstyle 1)}$ Increased shock protection .



SCHUKO® socket outlet 1) 2)

with label field, increased shock protection

Size of labelling field: 60 x 9 mm. With screwless

terminals. DP (2 P + E). Shuttered.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCNB-81	2CKA002013A5427	10
ivory white	20 EUCNB-82	2CKA002013A5428	10
studio white	20 EUCNB-84-500	2CKA002013A5431	10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product Article-No. Order-No. Pack/Qty



FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) 1) 2) 3) with earth leakage circuit breaker

Shuttered.

DP cut off (P,N)

Without PE monitoring.

With connecting conductor and protection of

downstream socket outlets. Rated fault current: 30 mA.

With fixing claws.

Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A

Protection class (Device): IP 20

Temperature range (Device): -25 °C to 40 °C

5 1			
anthracite	3120 EUCB-81	2CKA003116A0667	1/10
ivory white	3120 EUCB-82	2CKA003116A0661	1
studio white	3120 EUCB-84	2CKA003116A0662	1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

Profitest 0100S testing device, for example. $^{3)}$ Increased shock protection .



Buschmat® FI - Insert 1)

with earth leakage breaker with connecting conductor

Protection of downstream consumers.

Rated fault current: 30 mA.

DP cut off (P,N) With fixing claws.

Rated frequency: 45-60 Hz.

Rated voltage: 230 V~ Rated current: 16 A

Protection class (Device): IP 20

Temperature range (Device): -25 °C to 40 °C

anthracite	3151 UC-81	2CKA003117A0009	1/10
ivory white	3151 UC-82	2CKA003117A0005	1/10
studio white	3151 UC-84	2CKA003117A0006	1/10

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.



SCHUKO® socket outlet 1)

with hinged lid and internal increased shock protection

Shuttered.

With screwless terminals.

DP (2 P + E)

with hinged lid

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUKB-81	2CKA002018A1517	10/100
ivory white	20 EUKB-82	2CKA002018A1518	10/100
studio white	20 EUKB-84	2CKA002018A1520	10/100
anthracite 2)	20 EUKBR-81	2CKA002018A1526	10/100
ivory ²)	20 EUKBR-82	2CKA002018A1527	10/100
studio white 2)	20 EUKBR-84	2CKA002018A1529	10/100

 $^{^{1)}}$ Increased shock protection .

²⁾ Increased shock protection .

²⁾ Protective measure according to VDE 0100; can be proven or checked using the

²⁾ Without claw

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket with hinged lid ar Shuttered. With screwless te DP (2 P + E) with hinged lid Size of labelling fi Rated voltage: 25 Rated current: 16 Protection class (nd labelling field rminals. eld: 60 x 9 mm. 0 V~ A	
anthracite	20 EUKNB-81	2CKA002018A1537	10/100
ivory white	20 EUKNB-82	2CKA002018A1538	10/100
studio white	20 EUKNB-84	2CKA002018A1540	10/100
1) Increased shoc	k protection .		

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



SCHUKO® socket outlet 1) with hinged lid and lock

Shuttered.

With screwless terminals.

DP (2 P + E)

With different lock mechanism.

Delivery includes 2 keys.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUKNBSL-81	2CKA002018A1557	10
ivory white	20 EUKNBSL-82	2CKA002018A1559	10
studio white	20 EUKNBSL-84	2CKA002018A1563	10

¹⁾ Increased shock protection .



SCHUKO® socket outlet ¹)

with hinged lid and lock

Shuttered.

With screwless terminals.

DP (2 P + E)

With evenly engaging lock.

Delivery includes 2 keys.

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUKNBSL-81-101	2CKA002018A1558	10
ivory white	20 EUKNBSL-82-101	2CKA002018A1560	10
studio white	20 EUKNBSL-84-101	2CKA002018A1564	10

¹⁾ Increased shock protection .



SCHUKO® socket outlet 1) 2) 3)

with hinged lid, labelling field and LED control light

Shuttered.

With screwless terminals.

DP (2 P + E)

with hinged lid

Size of labelling field: 60 x 9 mm.

Rated voltage: 250 V~

Rated current: 16 A

	Protection class (Device): IP 20		
anthracite	20 EUKNBL-81	2CKA002018A1548	10/100
ivory white	20 EUKNBL-82	2CKA002018A1549	10/100
studio white	20 EUKNBL-84	2CKA002018A1551	10/100

¹⁾ Increased shock protection.

Data communication

Product	Article-No.	Order-No.	Pack/Qty	
	WLAN access point,	flush-mounted 1) 2)		
W	power supply from I	mains power		
N. P.	Operation as WLAN	access point for the con	nection of	
	WLAN terminal device	ces to the LAN.		
TAN .	Operation as WLAN	repeater for extending t	:he	
_	transmission range	of a WLAN.		
	Operation as WLAN	adapter for integrating	Ethernet	
	terminal devices into	terminal devices into a WLAN.		
	Supports WLAN standards IEEE 802.11b/g/n with			
	2.4 GHz; integrated WLAN antenna.			
	Backward connectio	n of an Ethernet cable v	ia screw	
	terminals (10/100 Mbit/s).			
	Front-side Ethernet connection via a RJ45 socket			
	(10/100 Mbit/s).			
	The three connectio	ns (WLAN, Ethernet/scr	ew terminals	
	and Ethernet/RJ45)	and Ethernet/RJ45)can be used in parallel via the		
	integrated switch.	·		
	Power supply via 2-p	ole connecting termina	l.	
	Nominal voltage:	100 - 240 V~		
	For mounting in con	For mounting in commercially available deep flush-		
	mounted and hollow-wall boxes.			
	Rated frequency: 50	Hz - 60 Hz		
	Protection class (De			
	8186/31-101-500	2CKA008100A0359	1	
	1			

¹⁾ Suitable for cover plate 1803-xxx.

Reset magnet

For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.

Protection class (Device): IP 20





Universal data connection unit, cat. 3 1)

1gang

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

0213-500	2CKA000230A1549	10/100
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¹⁾ Suitable for cover plate 1803-xxx.



Universal data connection box with down-leading outlet 1)

2gang internally parallel connected

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

n class (Davissa), ID 20

	Protection class (Device): IP 20		
	0214	2CKA000230A0235	10/100
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		

¹⁾ Suitable for cover plate 1803-02-xxx.

²⁾ The labels are clamped under the labelling field.

²⁾ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{\}rm 2)}$ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	connection box with down-leading outlet. , RJ 11/12, RJ 45, ISDN capabiling to IEC 60 603-7-2:2007.	-	
	0215	2CKA000230A0243	10
Mounting boxes:	35 mm deep flu or Dual Box 307	5 5	
2gang product combinations:	2gang combina APBS in Dual Bo	ation with adapter plate ox only.	
neon indicator:	not applicable		
1) Suitable for cove	r plate 1803-02-xx	ζ.	



Data-connection box, RJ 45, cat. 6a iso, shielded 1) 1gang

With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the

back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for RJ 11. RJ 12 und RJ 45.

For data cables with a diameter of 6-10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

2CKA000230A0409

1/10

underfloor systems.

Without claws

0218/11-101

Mounting depth: 31 mm.

Protection class (Device): IP 20

1) Suitable for cover plate 1803-xxx.

Product	Article-No.	Order-No.	Pack/Qty
Troduct	AI CICIC-INO.	Oraci No.	i ack, Qty



Data-connection box, RJ 45, cat. 6a iso, shielded 1) 2 x outlets, 8/8-pole

With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to

ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the

back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for RJ 11, RJ 12 und RJ 45.

For data cables with a diameter of 6 -10 mm. For trunk systems, flush-mounted wall boxes and

underfloor systems. For wires of AWG 24-22.

Without claws.

Mounting depth: 31 mm.

Protection class (Device): IP 20

0218/12-101 2CKA000230A0411 1/10

¹⁾ Suitable for cover plate 1803-02-xxx.



Universal data connection box 8(6)/ telephone unit 6F+N - connection box 1)

2 x 6-pole

with straight outlet,

with screw contacts.

Universal data-connection boxes: RJ 11/12, ISDN capable Cat. 3 in acc. with IEC 603-7/German

Standard DIN EN 60603-7,

Telecommunication outlet (telephone unit): for 1

telephone, 1 auxiliary device or 1 data transmission unit,

With claw.

Protection class (Device): IP 20

2CKA000230A0381 UAE 8(6)TAE 6 F+N 10/100

1) Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.



white

Satellite co-axial outlets 2 connectors/dead-end feeder

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

2CKA000230A0250 10/100



Antenna socket insert Radio/TV 2 connectors/loop through type

Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems.

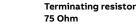
For analogue and digital transmission.

Minimal installation depth, class A. Protection class (Device): IP 20

0231-101 2CKA000230A0268 10/100

Data communication

Product	Article-No.	Order-No.	Pack/Qty
â â	3gang dead-end f Broadband techno SAT connection de with remote feed For DVB-T and bro For analogue and With claw. Minimal installatio Protection class (I	ology 47-2.150 MHz. esigned as screwable F-mal- via F-bush ladband-cable-systems. digital transmission. on depth, class A. Device): IP 20	
	0232-101-500	2CKA000230A0463	10/100



Protection class (Device): IP 20

0239 2CKA000230A0201 10/100



Mounting plate 1) 2) with green insert

For 2 modular jack inserts.

For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws.

Protection class (Device): IP 20

1810-500 2CKA001753A9974

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with red insert

For 2 modular jack inserts.

Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts

For Telegärtner AMJ/UMJ connection modules/ couplings.

For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk.

Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws.

Protection class (Device): IP 20

2CKA001753A9972 1812-500

1) Compatibility with other manufacturers not listed is to be checked in accordance





Mounting plate 1) 2) with black insert

For MTRJ or 2 modular jack inserts.

For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.

For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.

Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm. Without claws.

Protection class (Device): IP 20

1814-500 2CKA001753A9973 10/100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with blue insert

For 2 modular jack inserts.

For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45

2CKA001710A3100

2CKA001753A8056

10/100

Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm. Without claws.

Protection class (Device): IP 20

Ompatibility with other manufacturers not listed is to be checked in accordance

1816



Mounting plate 1) 2) with orange base

For 2 modular jack inserts.

For system: LexCom 150 and LexCom 250. Pitch dimensions: (WxH) approx. $15.4 \times 15.4 \text{ mm}$.

Without claws.

Protection class (Device): IP 20

1) Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

1819



10/100

Mounting plate 1) 2)

with grey base

For 2 modular iack inserts.

For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules. Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws.

Protection class (Device): IP 20

1820 2CKA001753A8057 10/100

²⁾ For further information, please refer on the Internet.



Flush-mounted assembly adapter

For the accommodation of one or two universal modules 0219.

For flush-mounted installation.

Protection class (Device): IP 20

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

0219/12 2CKA000230A0395 1/10

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

with specified snap-in dimensions

²⁾ For further information, please refer on the Internet.

²⁾ For further information, please refer on the Internet.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	modules 0219. For channel and u	odation of one or two unive under-floor installation. whone connection unit cover 6-xxx.	
	0219/13	2CKA000230A0396	1/10



Universal module, RJ 45, cat. 6a iso, shielded 1)

For installation in installation adapter 0219/12 or

Also suited for mounting into cover plate 2561-xxx. 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Cat. 6A according to ISO/IEC 11801: 2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.

Bend-radius optimised cable feed (30°).

Earthing of housing via 6,3 mm blade terminal at the back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

For 8-pole plug RJ 45 only.

Housing made from diecast zinc.

With integrated dust-protection cap (can be removed if necessary).

With insulation displacement connection

For data cables with a diameter of 6-10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Protection class (Device): IP 20

0219-101 2CKA000230A0413

¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.



Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).

Protection class (Device): IP 20

2CKA000225A0078 0210



Modular-Jack insert

8-pole Cat. 3 (AMP-No. 216005-4)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm2 (AWG 22).

Protection class (Device): IP 20

0211 2CKA000225A0086

Product	Article-No.	Order-No.	Pack/Qty



Built-in jack

For potential balancing jack cover plate and installation in cover plates.

For devices of 19 mm diameter. Protection class (Device): IP 20

0471-0-0037	2CKA000471A0037	10



Potential balancing plug

Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.

For potential balancing jack cover plate (connection up to 6 mm² crimped or soldered)

Protection class (Device): IP 20

0299-0-0032	2CKA000299A0032	10	



Blank plate

with metal mounting plate

Protection class (Device): IP 20

anthracite	1742-81	2CKA001710A3612	10
ivory white	1742-82	2CKA001710A3143	10
studio white	1742-84-500	2CKA001710A3991	10/100



Cover plate 1) with flex outlet

As cover for flex outlet, for cords up to 10.3 mm

With strain relief (without terminal block). Protection class (Device): IP 20

anthracite 1749-81 2CKA001710A3614 10 1749-82 2CKA001710A3145 ivory white 10 studio white 1749-84 2CKA001710A3163 10/100

¹⁾ Cover plate can also be used individually as cover for telephone connector boxes (VDo).



Cover plate 1)

As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK).

BTR (universal data connecting unit design and IAE

Telegärtner (AMJ 45, UMJ 45). With down-leading outlet.

With labelling field.

Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20

1803-81 2CKA001710A3616 anthracite 10 ivory white 1803-82 2CKA001710A3147 10 studio white 1803-84-500 2CKA001710A1550 10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Art. No. 0214, 021 0218, 0217 (Cat 56 types of the comp Brand-Rex (WAEG AMP (NETCONNE	N 8/8 EKR/EK). CT 5E). DAT design, Universal data AE design). at.6). 45, UMJ 45). g outlet. d. ield: 60 x 9 mm.	./12-507, omparable
anthracite	1803-02-81	2CKA001710A3615	10
ivory white	1803-02-82	2CKA001710A3146	10
studio white	1803-02-84-500	2CKA001710A1551	10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Cover plate

For telephone connection unit.

For USB, VGA, HDMI inserts and communication

USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101.

For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from

Telegärtner (type MJ and WE). Protection class (Device): IP 20

	-	·	
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
studio white	1766-84-500	2CKA001710A3992	10/100



Cover plate

As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20

anthracite	1745-81	2CKA001710A3624	10
ivory white	1745-82	2CKA001710A3155	10
studio white	1745-84	2CKA001710A3173	10



Cover plate 1) socket outlet

Telephone socket (TDO)

anthracite	1762-81-506	2CKA001710A4103	10/100
ivory white	1762-82-506	2CKA001710A4104	10/100
studio white	1762-84-506	2CKA001710A4106	10/100

¹⁾ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).

Product	Article-No.	Order-No.	Pack/Qty



Cover plate 1) 2)

as cover for standard Radio/TV/SAT socket outlets

With 2 connectors

Acc. to German Standard DIN 45330.

Radio/TV/SAT.

With M3 fixing screw.

Protection class (Device): IP 20

anthracite	1743-81	2CKA001724A4252	10
ivory white	1743-82	2CKA001724A2758	10
studio white	1743-84-500	2CKA001724A4332	10/100

¹⁾ Third opening can be knocked out.

 $^{^{\}mbox{\tiny 2)}}\mbox{See}$ inserts for satellite coaxial socket outlets.



Cover plate

As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.

Protection class (Device): IP 20

anthracite	1743-04-81	2CKA001724A4374	10
ivory white	1743-04-82	2CKA001724A4375	10
studio white	1743-04-84	2CKA001724A4377	10



Cover plate

As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Protection class (Device): IP 20

anthracite	1743/10-04-81	2CKA001724A4365	10
ivory white	1743/10-04-82	2CKA001724A4366	10
studio white	1743/10-04-84	2CKA001724A4368	10/100



Cover plate 1)

with labelling field

For modular jack with slide entrance.

To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and

Size of labelling field: 60 x 9 mm.

Protection class (Device): IP 20

anthracite	1800-81	2CKA001710A3627	10
ivory white	1800-82	2CKA001710A3158	10
studio white	1800-84-500	2CKA001710A3990	10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Cover plate modular jack,

For 1 modular jack.

Suitable for Art. Nos. 0210, 0211 and 0219-101.

Without claws.

Protection class (Device): IP 20

anthracite	2561-81	2CKA001753A0400	10
ivory white	2561-82	2CKA001753A0401	10
studio white	2561-84	2CKA001753A0403	10

Data communication

Product	Article-No.	Order-No.	Pack/Qty
Name and Address of the Owner, where	Cover plate modular jack,		
	For 2 modular jack in	nserts.	
	Suitable for Art. No.		
•	Without claws.	vice). ID 20	
	Protection class (De		
anthracite	2561-02-81	2CKA001753A0317	10
ivory white	2561-02-82	2CKA001753A0392	10
studio white	2561-02-84	2CKA001753A0394	10
	Cover plate		
	50 x 50 mm,		
		ion inserts with cover pla	te
	50 x 50 mm.	x 50 mm, AMP, Brand-Rex,	
	Rutenbeck, BTR, Tele		
	Protection class (De	•	
anthracite	1746/10-81	2CKA001710A3628	10
ivory white	1746/10-82	2CKA001710A3521	10
studio white	1746/10-84-500	2CKA001710A3993	10/100
	and Reflex SI range.	tes from the Busch-Duro 2	2000® SI
	Reflex SI/SI Linear For fitting cover plan		2000® SI
ivory white	Reflex SI/SI Linear For fitting cover platand Reflex SI range.		2000® SI
	Reflex SI/SI Linear For fitting cover pla and Reflex SI range. Protection class (De	vice): IP 20	
	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De	vice): IP 20 2CKA001710A3862	10
	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI	2CKA001710A3862 2CKA001710A3863	10
	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover	vice): IP 20 2CKA001710A3862	10
	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-ba	10
	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range.	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-ba	10
studio white	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cover	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-ba	10
ivory white studio white anthracite ivory white	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cover Protection class (De	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-baver plate. vice): IP 20	10 10 lance® SI
studio white	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cov. Protection class (De 1747 BSI-81	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-baver plate. vice): IP 20 2CKA001710A4093	10 10 lance® SI
anthracite	Reflex SI/SI Linear For fitting cover platand Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cover protection class (De 1747 BSI-81 1747 BSI-82	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-backer plate. vice): IP 20 2CKA001710A4093 2CKA001710A4094	10 10 lance® SI
anthracite	Reflex SI/SI Linear For fitting cover plat and Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cov Protection class (De 1747 BSI-81 1747 BSI-82 1747 BSI-84 Cover plate ¹)	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-backer plate. vice): IP 20 2CKA001710A4093 2CKA001710A4094	10 10 lance® SI
anthracite	Reflex SI/SI Linear For fitting cover plat and Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cove Protection class (De 1747 BSI-81 1747 BSI-82 1747 BSI-84 Cover plate ¹) With hinged lid.	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-baver plate. vice): IP 20 2CKA001710A4093 2CKA001710A4094 2CKA001710A4096	10 10 lance® SI 10 10 10/100
anthracite	Reflex SI/SI Linear For fitting cover plat and Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cove Protection class (De 1747 BSI-81 1747 BSI-82 1747 BSI-84 Cover plate ¹) With hinged lid.	vice): IP 20 2CKA001710A3862 2CKA001710A3863 plates from the Busch-backer plate. vice): IP 20 2CKA001710A4093 2CKA001710A4094	10 10 lance® SI 10 10 10/100
anthracite	Reflex SI/SI Linear For fitting cover plate and Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cov. Protection class (De 1747 BSI-81 1747 BSI-82 1747 BSI-84 Cover plate ¹) With hinged lid. For telecommunicate 50 x 50 mm. With cover plate 50 in the same and the sa	zCKA001710A3862 2CKA001710A3863 plates from the Busch-baver plate. vice): IP 20 2CKA001710A4093 2CKA001710A4094 2CKA001710A4096	10 10 lance® SI 10 10 10/100
anthracite	Reflex SI/SI Linear For fitting cover plate and Reflex SI range. Protection class (December 2) 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cover protection class (December 2) 1747 BSI-81 1747 BSI-82 1747 BSI-84 Cover plate 1) With hinged lid. For telecommunicates 50 x 50 mm. With cover plate 50 Rutenbeck, BTR, Tele	2CKA001710A3862 2CKA001710A3863 plates from the Busch-baver plate. vice): IP 20 2CKA001710A4093 2CKA001710A4094 2CKA001710A4096 ion inserts with cover platex 50 mm, AMP, Brand-Rexegirtner, etc.	10 10 lance® SI 10 10 10/100
anthracite	Reflex SI/SI Linear For fitting cover plate and Reflex SI range. Protection class (De 1747 SI-82 1747 SI-84 Intermediate ring Busch-balance® SI For attaching cover range. Delivery without cov. Protection class (De 1747 BSI-81 1747 BSI-82 1747 BSI-84 Cover plate ¹) With hinged lid. For telecommunicate 50 x 50 mm. With cover plate 50 in the same and the sa	2CKA001710A3862 2CKA001710A3863 plates from the Busch-baver plate. vice): IP 20 2CKA001710A4093 2CKA001710A4094 2CKA001710A4096 ion inserts with cover platex 50 mm, AMP, Brand-Rexegirtner, etc.	10 10 lance® SI 10 10 10/100

1) Combinable only with co	vers for flush-mounted inserts
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1746-84

studio white

2CKA001710A3167

10

Product	Article-No.	Order-No.	Pack/Qty
	Busch-balance® S For attaching cov range. Delivery without	er plates from the Busch-bacover plate.	alance® SI
	With sealing ring. With hinged lid. Protection class (Device): IP 44	
anthracite	2518-WD-81	2CKA001719A0217	10
ivory white	2518-WD-82	2CKA001719A0218	10

²⁵¹⁸⁻WD-84 1) Combinable only with covers for flush-mounted inserts



studio white

XLR centre plate

As cover for Neutrik plug connectors, type D series. Without claws.

2CKA001719A0220

10

Protection class (Device): IP 20

anthracite	2553-81	2CKA001724A4399	10
ivory white	2553-82	2CKA001724A4400	10
studio white	2553-84	2CKA001724A4402	10



Cover plate

with metal mounting plate

For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.

Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

anthracite	1748-81	2CKA001710A3654	10
ivory white	1748-82	2CKA001710A3655	10
studio white	1748-84	2CKA001710A3656	10



Cover plate

with metal mounting plate

As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

anthracite	1750-81	2CKA001710A3617	10	
ivory white	1750-82	2CKA001710A3148	10	
studio white	1750-84	2CKA001710A3166	10	



Equipotential socket outlet 2gang

Without claws.

For connecting wires up to 1 x 6 mm² and 4 x 2.5 mm². IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801. Protection class (Device): IP 20

anthracite	2095 UC-81	2CKA002495A0084	10
ivory white	2095 UC-82	2CKA002495A0085	10
studio white	2095 UC-84	2CKA002495A0086	10

Data communication

Product	Article-No.	Order-No.	Pack/Qty	
	Cover plate with metal mounting plate With screw-type terminal. Fixed with central locknut. As cover for pilot devices with a diameter of 22.5 mm Without claws. Protection class (Device): IP 20			
anthracite	2533-81	2CKA001724A4254	10	
ivory white	2533-82	2CKA001724A4255	10	
	2533-82-15	2CKA001724A4382	10	
yellow	2000 02 10	LCIO IOOTI L II I I I I I I I I I I I I I I I I		



Cover plate 1) with metal mounting plate

for communication devices. With labelling field $60.2 \times 10.2 \text{ mm}$. Without claws. Protection class (Device): IP 20

anthracite 1758-81 2CKA001724A4253 10 ivory white 1758-82 2CKA001724A2759 10 studio white 1758-84 2CKA001724A2761 10/100

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	RDS stereo rainstallation. Reception fre With display a With external For mono/stee 8 radio statio With time dis With alarm fu With automat mode). With extensio switches. With integrat. With addition Permitted spe Can be install Rated voltage Rated frequer Protection cla Temperature	ereo operation. ns storable. play. nction. cic switch-off function (automate) on input to remote-controlled Office antenna. nal connection for external antereaker impedance: 4 - 8 Ohm ed as 1gang and in multiple cone: 230 V~, +10 % / -10 % ncy: 50 Hz - 60 Hz ass (Device): IP 20 range (Device): 5 °C to 40 °C (L x W x D): 71 mm x 71 mm x 49	cic sleep N/OFF nna. nbinations.
	8215 U-500	2CKA008200A0182	1/10

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

¹⁾ No claw. Screw-fixing via keyholes. ²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Multimedia / communication adapters

Product Article-No. Order-No. Pack/Qty Product Article-No. Order-No. Pack/Qty Busch-Radio iNet 1) 2) 3) 4) Busch-Radio BTconnect 1) 2) 3) 4) WLAN Internet radio alarm clock for flush-mounted RDS stereo radio alarm clock for flush-mounted installation. installation. With Bluetooth interface for music replay of mobile For the reception of national and international radio stations via Internet. devices Reception frequency: 87.50 MHz - 108.00 MHz. Radio station search possible via various genres. With high resolution graphic display and background With high resolution graphic display and background illumination. illumination. With external AUX input. With external AUX input. Integrated web-server for configuration and control. For mono/stereo operation. Remote operation with smartphone via browser surface. 8 radio stations storable. UPnP replay function. It is controlled via smartphone. With time and date display. With alarm clock and snooze function. For mono/stereo operation. 8 radio stations storable. With short-time timer. With time and date display. With automatic switch-off function (automatic sleep With alarm function. mode). With short-time timer. With extension input to remote-controlled ON/OFF With automatic switch-off function (automatic sleep switches. mode). With integrated antenna. With extension input to remote-controlled ON/OFF With additional connection for external antenna. switches. Permitted speaker impedance: 4 - 8 Ohm With integrated WLAN antenna. Can be installed as 1gang and in multiple combinations. WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE Bluetooth specification: 2.1 802.11n (2,4 GHz). Bluetooth profiles supported: A2DP WLAN safety: WPA / WPA2. Number of stored Bluetooth connections: max. 8 Permitted speaker impedance: 4 - 8 Ohm Rated voltage: 110 - 230 V~, +10 % / -10 % Can be installed as 1gang and in multiple combinations. Rated frequency: 50 Hz - 60 Hz Rated voltage: 110 - 230 V~, +10 % / -10 % Protection class (Device): IP 20 Rated frequency: 50 Hz - 60 Hz Temperature range (Device): 5 °C to 40 °C

8216 U-500 1) No claw. Screw-fixing via keyholes

APP

2) Matching loudspeaker insert 8223 U

Protection class (Device): IP 20

Mounting depth: 33 mm

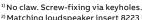
Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

2CKA008200A0153

1/10

⁴⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 $\,$ > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.



2) Matching loudspeaker insert 8223 U.

3) Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm



Busch Bluetooth receiver 1) 2) 3) 4)

Bluetooth interface for music replay of mobile devices. With integrated amplifier.

2CKA008200A0194

With external AUX input.

Mounting depth: 32 mm

Bluetooth

8217 U-500

For mono/stereo operation.

Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 4.0

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Display elements: LED for status display.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm



8219 U

2CKA008200A0198 1/10

³⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

¹⁾ No claw. Screw-fixing via keyholes. 2) Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
		,	
	For Busch-Radio For Busch-Radio For Busch Blueto With broadband o With flat plug cor Incl. speaker conr Rated output: 2 V Frequency respon	Radio 8215 U/8216 U. iNet 8216 U. BTconnect 8217 U. oth receiver 8219 U. characteristics. nection cable. V (RMS) nse: 200 - 20,000 Hz m Device): IP 20, SELV	
	8223 U-500	2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.



Busch-powerDock Insert 1) 2) 3) 4)

For charging and supplying mobile terminal devices. With guick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal

Rated voltage: 100 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

2CKA006400A0039

1/10

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

6473 U-500

1) No claw, Screw-fixing via keyholes.

²⁾ The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick chargeTM 2.0 standard.

3) In rare cases the manufacturers of USB-C terminal devices support the quickcharging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.



Busch-powerDock Charging cradle with Apple lightning

For Busch-powerDock insert 6473 U.

For attaching mobile terminal devices with lightning connection.

For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8.

For iPhone 7 Plus, iPhone 7.

For iPhone SE.

For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.

For iPhone 5s, iPhone 5c, iPhone 5.

For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).

Suitable for use with protective covers certified by

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

6473-500

2CKA006400A0081

1/10







Busch-powerDock Charging cradle with USB-C

For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection.

Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm 6473/11-500 2CKA006400A0083 1/10



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable. With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz

Suitable for: In case one output is used: Rated current: 1400 mA

Suitable for: In case two output are used:

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

2CKA006400A0002

¹) No claw. Screw-fixing via keyholes.

2) No data transfer.

3) For terminal devices with standardized charging interface according to DIN EN

6472 U-500



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable.

With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used:

Rated current: 3 A

Suitable for: In case two output are used:

Rated current: 1.500 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

Available from November 2019

6472 U-500-101 2CKA006400A0094

⁴⁾ Use dust cover 2098 when cleaning the device.

¹) No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684

⁴⁾ Use dust cover 2098 when cleaning the device.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty		
	USB charging sta	tion insert ¹) ²) ³)			
	For supply and su	pport of mobile devices via	USB-cable.		
	With micro USB c	onnecting cable.			
	Connecting cable	joined captive to insert.			
	Usable cable leng	th (incl. micro USB plug) ap	prox.		
	22 cm.				
	With electronic short-circuit protection.				
	With electronic overload protection.				
	Rated voltage: 100 - 230 V~, +10 % / -10 %				
	Secondary: 5 V-, +5 % / -5 %				
	Rated frequency: 50 Hz - 60 Hz				
	Rated current: 1400 mA				
	Protection class (Device): IP 20, SELV				
	Temperature range (Device): 5 °C to 40 °C				
	Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm				
	Mounting depth:	32 mm			
	6474 U-500	2CKA006400A0033	1/10		

 $^{^{3}}$ For terminal devices with standardized charging interface according to DIN EN



HDMI connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.

HDMI-type A, 3D-compatible.

Fully HD ready (1920 x 1080 pixel).

For 20-wire HDMI-cables via srew-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending

radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.





VGA connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates

2539-21x and 1766-xxx.

To link analogue video data between PCs and laptops to monitors or digital projectors etc.

VGA-type: D-type, 15-pole.

Fully HD ready (1920 x 1080 pixel).

For 15-wire VGA-cables via srew-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

	Mounting depth: 34 mm					
white	0261/21-500	2CKA000230A0424	1			
grey	0261/23-500	2CKA000230A0426	1			
alpine white	0261/22-500	2CKA000230A0425	1			

¹⁾ Please follow the recommendations of the cable and device producers for the max.



USB connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link mobile devices like e.g. printer, scanner, USBsticks or digital cameras etc.

USB-type A, USB 2.0 compatible.

For 5-wire USB- cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and

underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

white	0261/11-500	2CKA000230A0418	1
grey	0261/13-500	2CKA000230A0420	1
alpine white	0261/12-500	2CKA000230A0419	1

 $^{^{1)}}$ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.



Communication adapter

for BNC-F Duct-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws

Protection class (Device): IP 20

white	0262/11-500	2CKA000230A0436	1
grey	0262/13-500	2CKA000230A0438	1
alpine white	0262/12-500	2CKA000230A0437	1

Multimedia / communication adapters

ntegrated TV-tune With screw-type te	antenna cables e.g., for TVs er and satellite receiver. erminals. , flush-mounted wall boxes is.			
0262-500	2CKA000230A0440	1		
Communication adapter for Cinch-jacks Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To support 1 or 2 jacks. For trunk systems, flush-mounted wall boxes and underfloor systems. Without cover plate. Without claws. Protection class (Povice), IR 20				
0263/11-500	2CKA000230A0444	1		
0263/13-500	2CKA000230A0446	1		
0263/12-500	2CKA000230A0445	1		
	for Cinch-jacks Suitable for teleph 2539-21x and 1766 To support 1 or 2 ji For trunk systems underfloor system Without cover plat Without claws. Protection class (E 0263/11-500 0263/13-500 0263/12-500 Cinch-jacks	for Cinch-jacks Suitable for telephone connection unit cover p 2539-21x and 1766-xxx. To support 1 or 2 jacks. For trunk systems, flush-mounted wall boxes underfloor systems. Without cover plate. Without claws. Protection class (Device): IP 20 0263/11-500 2CKA000230A0444 0263/13-500 2CKA000230A0446 0263/12-500 2CKA000230A0445		



Audio-band 20Hz - 20kHz. Marked white: audio, channel left. With soldering tag.

Protection class (Device): IP 20

alpine white 0263/04-500 2CKA000230A0451



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked black: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

0263/05-500 2CKA000230A0452 black



Cinch-iacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked red: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

0263/06-500 2CKA000230A0453 Red



Cinch-jacks

for communication adapter

For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or

Marked yellow: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

yellow 0263/07-500 2CKA000230A0454

Product	Article-No.	Order-No.	Pack/Qty



Communication adapter

for Mini-jacks 3,5mm.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems. Without cover plate. Without claws. Protection class (Device): IP 20

white	0264/11-500	2CKA000230A0458	1
grey	0264/13-500	2CKA000230A0460	1
alpine white	0264/12-500	2CKA000230A0459	1



Mini-jack 3,5 mm

for communication adapter

For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag. Protection class (Device): IP 20

chrome gloss	0264-500	2CKA000230A0462	1
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Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm².

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

white	0248/02-101	2CKA000230A0402	10/100

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max, 10 mm².

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

2CKA000230A0464 alpine white 0248/04-101-500 10/100

 $^{^{1)}}$ Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back). With 4 terminals.

Cable cross-section max. 10 mm². Polarity is indicated by color. With claw. Protection class (Device): IP 20

anthracite 0248/05-101 2CKA000230A0404 10/100

1) Suitable for cover telephone unit 1766-xxx and 2539-21x.



Cover plate

For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U.

For Busch-Radio BTconnect 8217 U.

anthracite	8252-81	2CKA008200A0050	10
ivory white	8252-82	2CKA008200A0051	10
studio white	8252-84	2CKA008200A0053	10

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Q
	Cover plate For loudspeaker insert 8223 U.				Cover plate for Bu For Busch-power	usch-powerDock Dock charging cradle.	
anthracite	8253-81	2CKA008200A0078	1/10	anthracite	6477-81	2CKA006400A0056	10
ivory white	8253-82	2CKA008200A0079	1/10	ivory white	6477-82	2CKA006400A0057	10
studio white	8253-84	2CKA008200A0081	1/10	studio white	6477-84	2CKA006400A0059	10/100
Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101.			mobile telephone Suitable for device mm.	ınction against lateral slippi	ss of 18		
	For data module:	s. No. 0219/12 and 0219/13.		anthracite	6478-81-500	2CKA006400A0013	1
		ets with 90° RJ45 outlet fror	m	ivory white	6478-82-500	2CKA006400A0015	1
	Telegärtner (type Protection class			studio white	6478-84-500	2CKA006400A0019	1
anthracite	1766-81	2CKA001710A3613	10				
ivory white	1766-82	2CKA001710A3144	10/100				
studio white	1766-84-500	2CKA001710A3992	10/100				



Cover plate with metal mounting plate

With fixing claws.

loudspeaker inserts and cover.

Conductor cross-sections up to 4 mm² rigid.

With screw-type terminals.

Protection class (Device): IP 20

studio white	1751-84	2CKA001723A0240	10/100
ivory white	1751-82	2CKA001723A0239	10
anthracite	1751-81	2CKA001723A0253	10



Cover plate

with rotary control, with marking

As a cover for volume controllers.

Suitable for the "LR 15 mono BJ UP" devices of WHD. Protection class (Device): IP 20

anthracite	1740 DR/03-81	2CKA001710A4120	10
ivory white	1740 DR/03-82	2CKA001710A3807	10
studio white	1740 DR/03-84	2CKA001710A3808	10



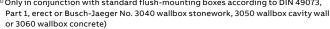
Cover plate

For Busch Bluetooth receiver 8219 U.

anthracite	8255-81	2CKA008200A0211	1
ivory white	8255-82	2CKA008200A0212	1
studio white	8255-84	2CKA008200A0214	1/10

Room thermostats

Product	Article-No.	Article-No. Order-No.			
	Switch contact of reached. With fixing claws. Separate termin reduction of roo Class of temperate Contribution to Rated voltage: 2 Rated current: 10	al to activate nighttime mode m temperature by 4K. ature controller 1 space heating energy efficien 30 V~ D A nge (Device): 5 °C to 30 °CEN 6	e and acy 1,0%.		
	1094 U-500	2CKA001032A0512	1/10		
Mounting boxes:	35 mm deep flus or Dual Box 3070	5 5			
2gang product combinations:	2gang combinat APBS in Dual Bo	ion with adapter plate x only.			
		sh-mounting boxes according to			



 $^{^{2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.



combinations:

Room thermostat, flush-mounted 1) 2) 3) Slide switch

With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

APBS in Dual Box only

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

	1095 U-500	2CKA001032A0514	1/10	
Mounting boxes:	ng 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
2gang product	t 2gang combination with adapter plate			

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)





Room thermostat, flush-mounted 1) 2) 3) Sliding switch, 24 V

With built-in slide switch and control lamp for nightly reduction of 4 K. Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~ Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

	DITUSTI Standard EN 00009-2-1				
	1096 U	2CKA001032A0485	1		
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.				
2gang product combinations:	3 3				

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) 1gang 2way

With fixing claws. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 5 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

	1097 U-500	2CKA001032A0513	1/10	
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9		
5 5.	t 2gang combination with adapter plate : APBS in Dual Box only.			

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Actual value indication

With actual value temperature display. Automatic controller calibration. Switch contact opens when the set temperature is reached. With fixing claws. Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1094 UTA 2CKA001032A0487

 $^{^{2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

 $^{^{\}rm 2)}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

carat®

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
6	Sliding switch, a With actual value Automatic control Switch contact of reached. With built-in slide reduction of 4 K. With fixing claws Separate terminal reduction of roof Class of temperal Contribution to see Rated voltage: 23 Rated current: 10	pens when the set tempers when the set tempers. If to activate nighttime in temperature by 4K, ture controller 1 pace heating energy efforward. A ge (Device): 5 °C to 30 °C german and controller to the set of the set o	perature is Inp for nightly mode and ficiency 1,0%.	230	Change-over con With change-over Easy adjustment 4 switching time: day of the week. With fixing claws Automatic summ Power reserve > 1 To fit cover plate Class of tempera Contribution to s Rated voltage: 23 Rated current: 10 Temperature rang	using menu and text-ba s per day can be user-de der/wintertime switch-ov 10 hours. 6435-xxx. dure controller 1 space heating energy effi 20 V~ A ge (Device): 5 °C to 30 °C 2CKA001032A056	sed display. fined for each ver ciency 1,0%. EN 60730-2-9 08 1/10
	1095 UTA	2CKA001032A04	488 1/10			sh-mounting boxes accordi 0 wallbox stonework, 3050 v	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication, 24 V

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~

Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1096 UTA 2CKA001032A0489 1/10

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Change-over contact, actual value indication

With actual value temperature display Automatic controller calibration

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 AEN 60730-2-9, British Standard EN 60669-2-1

1097 UTA 2CKA001032A0490



controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.

or 3060 wallbox concrete)

Room thermostat, flush-mounted 1) Remote sensor

²⁾ Servo valves of "closed or open when de-energized" design are required for the

With remote sensor and thermal feedback For underfloor heating.

With built-in slide switch and control lamp for nightly reduction of 4 K

Switch contact opens when the set temperature is reached.

With fixing claws.

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Adjusting range: +10 to +50° C.

Connecting cable: 1mm2 to 2.5 mm2

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 16 A, cos φ 1EN 60730-2-9, British

Standard EN 60669-2-1

1095 UF 2CKA001032A0497

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Room thermostats

Product	Article-No.	Order-No.	Pack/Qt
30.	Change-over con remote sensor With change-over Easy adjustment 4 switching times day of the week. With fixing claws. Automatic summ Remote sensor ca Sensor =NTC, 10 I Power reserve > 1 To fit cover plate Class of temperat Contribution to s Rated voltage: 23 Rated current: 16	using menu and text-bas s per day can be user-def er/wintertime switch-ov able length: 4 m. kilo-ohm at 25 degrees C. 0 hours 6435-xxx. ture controller 1 pace heating energy effic 0 V~	ed display. ined for each er .
		ge (Device): 10 °C to 50 °C 2CKA001032A050	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

 $^{^{2)}}$ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling

With separate connection (230 V~) for external switchover between heating or cooling.

Switch contact opens when the set temperature is reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1099 UHK	2CKA001032A0515	1/10
¹)Only in conjunction with standard flush	-mounting boxes according to	DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch

With built-in sliding switch for switchover between

cooling or heating.

Switch contact opens when the set temperature is

reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1099 UHKEA	2CKA001032A0516	1/10

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product	Article-No.	Order-No.	Pack/Qty



Cover plate for room thermostat

For room thermostats 1094 U, 1097 U.

anthracite	1794-81	2CKA001710A3629	10
ivory white	1794-82	2CKA001710A3543	10
studio white	1794-84	2CKA001710A3544	10



for room thermostat

With sliding switch for nightly room temperature reduction. To activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.

anthracite	1795-81	2CKA001710A3630	10
ivory white	1795-82	2CKA001710A3568	10
studio white	1795-84	2CKA001710A3569	10



Cover plate

for room thermostat

For room thermostats 1094 UTA, 1097 UTA.

anthracite	1794 TA-81	2CKA001710A3695	10
ivory white	1794 TA-82	2CKA001710A3696	10
studio white	1794 TA-84	2CKA001710A3698	10



Cover plate

for room thermostat

With sliding switch for nightly room temperature

For room thermostats 1095 UTA, 1096 UTA.

anthracite	1795 TA-81	2CKA001710A3722	10	
ivory white	1795 TA-82	2CKA001710A3723	10	
studio white	1795 TA-84	2CKA001710A3725	10	



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101.

For Busch-CO2 sensor 1091 U-500.

anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
studio white	6435-84	2CKA006430A0306	10



Cover plate

for room thermostat

For room temperature controller 1099 UHK.

anthracite	1795 HK-81	2CKA001710A4013	10	
ivory white	1795 HK-82	2CKA001710A4015	10	
studio white	1795 HK-84	2CKA001710A4017	10	

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Product

studio white

carat® Room thermostats

Article-No.

1795 HKEA-84

Cover plate for room thermostat For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating. anthracite 1795 HKEA-81 2CKA001710A4045 10 ivory white 1795 HKEA-82 2CKA001710A4047

Order-No.

2CKA001710A4049

LED light

Pack/Qty

10

Product	Article-No.	Order-No.	Pack/Qty
	Long service life of Homogeneous ba	on field 43 x 43 mm. of the lighting element (LED acklighting of the information of the control	•
	2062 U	2CKA001511A0115	1/10

¹⁾ Use relay inserts when switching through movement sensors or comfort switches.

²⁾ For switching the LED flush mounted insert use switches without orientation light only.



Cover plate 1) 2)

As cover for flush-mounted info light. For insert 2062 U. Size of information field 43×43 mm. Protection class (Device): IP 20

anthracite	1716-81	2CKA001731A1921	1
ivory white	1716-82	2CKA001731A1922	1
studio white	1716-84	2CKA001731A1923	1

¹⁾ Included with the cover are 46 different text labels and symbols.

 $^{^{2)}} For compatible lettering software, visit www. BUSCH-JAEGER-labeling tool.com. \\$



Cover plate for indication lamp

For insert 2061/2661 U. As cover for flush-mounted light signal. Protection class (Device): IP 20

anthracite	1756-81	2CKA001753A0089	10
ivory white	1756-82	2CKA001753A0090	10
studio white	1756-84	2CKA001753A0092	10



for indication lamp For indication lamps.

Protection class (Device): IP 20

clear-transpar- ent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	1-channel 1gang wall-mount power supply. With labelling fiel For switching and For controlling bli 1 radio channel ca can be called up. For flush-mounte 6703, 6704 and 67 For LED display W Compatible with b' Send frequency: 8 Free-field range: a Power supply: lith Battery service lif practically mainte Automatic monito Including fixing p on switch boxes. Control element: Display elements: Rated voltage: 3 V Protection class (Temperature rang	inds and light scenes. In be operated or up to 2 ligit of WaveLINE actuators 6701- 705-101. IdaveLINE 6730-xxx. WaveLINE KNX gateway TP-F 368 MHz. In approx. 100 m. In button cell battery Type ie: typically 5 years, therefore In ance-free. In of battery life. I late for mounting on smoot rocker switch left/right I LED to indicate the transmid.	ht scenes 101, 6702, RF 6770. e CR2032. e h walls or
ivory white	6731-82-500	2CKA006730A0032	1/10
aluminium silver ³)	6731-83-500	2CKA006730A0035	1/10
studio white	6731-84-500	2CKA006730A0038	1/10

³⁾ Surface painted.



Wall-mounted transmitter WaveLINE 1) 2) 2-channel

2gang wall-mounted transmitter independent of mains power supply.

With labelling field and labelling strip.

For switching and dimming.

For controlling blinds and light scenes.

2 radio channels can be operated or up to 4 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

For LED display WaveLINE 6730-xxx.

Compatible with WaveLINE KNX gateway TP-RF 6770.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

ivory white	6732-82-500	2CKA006730A0033	1/10
studio white	6732-84-500	2CKA006730A0039	1/10

¹⁾ Battery included in delivery.

Product	Article-No.	Order-No.	Pack/Qty



Wall-mounted transmitter WaveLINE 1) 2)

4gang wall-mounted transmitter independent of mains power supply.

With labelling field and labelling strip.

For switching and dimming.

For controlling blinds and light scenes.

4 radio channels can be operated or up to 8 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

For LED display WaveLINE 6730-xxx.

Compatible with WaveLINE KNX gateway TP-RF 6770.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

ivory white	6733-82-500	2CKA006730A0034	1/10
studio white	6733-84-500	2CKA006730A0040	1/10

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



WaveLINE LED display 1)

For status display of window handle positions: open = red, closed = green, tilted = yellow.

Direct onsite operation possible for switching / dimming an electrical device depending on the flushmounted insert.

4 individual LED display channels.

Up to 8 WaveLine transmitters can be taught-in on each LED display channel.

Up to 8 WaveLine transmitters can be taught-in on onsite operation.

After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state.

Status display for depleted WaveLINE transmitter batterv.

Status display for faulty transmission link and defective WaveLINE transmitter.

User-friendly start-up without PC / software.

Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x.

For Wavel INF 6721-xx universal signalling unit

For Busch-Watchdog 220 WaveLINE 6747 AGM.

For Busch-Universal relay switch insert 6404 U.

For universal dimmer switch insert 6595 U.

Free-field range: approx. 100 m.

Send/receive frequency: 868 MHz.

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm

anthracite	6730-81	2CKA006730A0014	1
ivory white	6730-82	2CKA006730A0015	1
studio white	6730-84	2CKA006730A0017	1

 $^{^{1)}} For compatible lettering software, visit www. {\tt BUSCH-JAEGER-labeling} tool.com.$

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

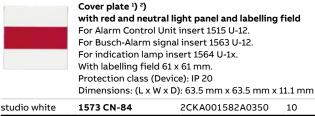
Busch-Infoline®

Product	Article-No.	Order-No.	Pack/Qty
	For monitoring un For Busch-Leakag With labelling fiel Protection class (nob. push-button 1520/1 UK. nit 1511 U. ge guard insert 1531 U. d 61 x 20 mm.	x 11.1 mm
studio white	1571 CN-84	2CKA001582A0346	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

	With operating knob. For signal push-button insert 1520/1 UKZ. With labelling field 61 x 20 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
studio white	1572 CN-84	2CKA001582A0348	10



¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

	Cover plate 1) 2)		
	6gang, illuminable, with labelling field		
	For signal panel i	nsert 1566 U.	
	With labelling field 61 x 61 mm.		
	Protection class (Device): IP 20		
	Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
studio white	1575 CN-84	2CKA001582A0353	10

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

	Cover plate 1) 2) with labelling fiel	d	
	For power supply insert 1518 U.		
	For relay insert 1539 U.		
	For signal generator insert 1561 U		
With labelling field 61 x 61 mm.			
	Protection class (Device): IP 20		
	Dimensions: (L x \	W x D): 63.5 mm x 63.5 mm x	11.1 mm
studio white	1576 CN-84	2CKA001582A0355	10

 $^{^{1)}} For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com. \\$

Accessories

Product	Article-No.	Order-No.	Pack/Qty
Th.		on of flush-mounted SCHUK(switches, push-buttons, etc. punted boxes.	
	2148	2CKA002148A0120	100



Braille symbol

self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20

light		
2144 LI	2CKA001714A0295	10/1000
bell		
2144 KI	2CKA001714A0296	10/1000
key		
2144 TR	2CKA001714A0297	10/1000



Braille symbol socket outlet

2144 ST

self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx Protection class (Device): IP 20

2CKA001714A0298

10/1000

	For laser prin	ull to be labeled Busch-Jaeger dev iter. ne foil is printed via the Busch-Je	
translucent	1799/02	2CKA001799A0959	1
transparent	1799/03	2CKA001799A0960	1

^{1) 1} piece = 1 sheet.



RC suppressor

For protection against the damage or destruction of electronic devices due to overvoltages.

For wiring network-interconnected inductivities (e.g.. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.

Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 $V\sim$, +10 % / -10 %

Rated frequency: 50 Hz

6899 2CKA006899A0231 10

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

Accessories

Product	Article-No.	Order-No.	Pack/Qty
The second secon	Suitable for cover Set consists of a s With plastering m With integrated R With vertically adj With Torx/slotted With variable base Mounting boxes a	unted installation, stonework frame carat®. flush-mounted box for brick noulding tool and positioning FID-chip for easy detection, justable rotary ring. I screws. ement depth. are combinable directly. ats for cables or pipes. o be plastered.	work 3040. g device.
	1gang		
	3048/11	2CKA001740A0066	1/30
	2gang		
	3048/21	2CKA001740A0067	1
	3gang		
	3048/31	2CKA001740A0068	1
	4gang		





Mounting set carat® flat

For flat flush-mounted installation, hollow wall Suitable for cover frame carat®.

For double planking.

Set consists of a flush-mounted box for cavity walls 3050.

With positioning device and adapter rings.

Suitable for drywalls and plasterboards for 9,5 mm, 10 mm and 12,5 mm.

With Torx/slotted screws.

Mounting boxes are combinable directly.

With flex knockouts for cables or pipes.

Fast installation via cable strap latches.

A 74 mm diameter moulding cutter with countersink is

needed.

Hole size : 74 mm

Protection class (Device): IP 20

1gang		
3058/11	2CKA001740A0077	1
2gang		
3058/21	2CKA001740A0078	1/20
3gang		
3058/31	2CKA001740A0079	1
4gang		
3058/41	2CKA001740A0080	1





Mounting set carat® flat

For flat flush-mounted installation, concrete construction

Coristi dection

Suitable for cover frame carat®.

Suitable for prefabricated and in-situ concrete directly onto the formwork.

Set consists of a flush-mounted box for concrete walls 3060.

Delivered with a lid with distance positioning device. Fixing exclusively and directly to formwork by nailing or hot gluing.

With Torx/slotted screws.

Mounting boxes are combinable directly.

With flex knockouts for pipes.

Protection class (Device): IP 20

1gang		
3068/11	2CKA001740A0088	1
2gang		
3068/21	2CKA001740A0089	1
3gang		
3068/31	2CKA001740A0090	1
4gang		



Compensation rings for flush-mounted boxes

For additional compensation for too deep mounted flush-mounted boxes.

Adjustment height: 2,6 mm Protection class (Device): IP 20

3057 2CKA001740A0081 10



RFID-Detector 1)

To recover of RFID-chips.

Power supply: 9V alkaline cell (included in delivery).

Protection class (Device): IP 20

3049	2CKA001740A0070	1	
3049	2CKA001740A0070	1	

 $^{1)}$ RFID = Radio Frequency IDentification

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 1gang frame Protection class (D	Device): IP 20	
white glass	1721-811	2CKA001754A4442	1
bronze	1721-821	2CKA001754A4258	1
gold 1)	1721-823-101	2CKA001754A4356	1
glass black	1721-825	2CKA001754A4322	1
chrome	1721-826-101	2CKA001754A4360	1



Cover frame 2gang frame

For vertical or horizontal installation. Protection class (Device): IP 20

1722-811 2CKA001754A4443 white glass 1 bronze 1722-821 2CKA001754A4259 1 gold 1) 1722-823-101 2CKA001754A4357 1 1722-825 2CKA001754A4323 glass black 1 1722-826-101 2CKA001754A4361 chrome 2CKA001754A4255 1722-860 stainless steel 1

¹⁾ Gold plated 24 carat.



Cover frame

3gang frame

For vertical or horizontal installation. Protection class (Device): IP 20

white glass	1723-811	2CKA001754A4444	1
bronze	1723-821	2CKA001754A4260	1
gold 1)	1723-823-101	2CKA001754A4358	1
glass black	1723-825	2CKA001754A4324	1
chrome	1723-826-101	2CKA001754A4362	1
stainless steel	1723-860	2CKA001754A4256	1

¹⁾ Gold plated 24 carat.

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]	
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Cover frame 4gang frame

For vertical or horizontal installation.

Protection class (Device): IP 20

white glass	1724-811	2CKA001754A4445	1
bronze	1724-821	2CKA001754A4261	1
gold 1)	1724-823-101	2CKA001754A4359	1
glass black	1724-825	2CKA001754A4325	1
chrome	1724-826-101	2CKA001754A4363	1
stainless steel	1724-860	2CKA001754A4257	1

¹⁾ Gold plated 24 carat.

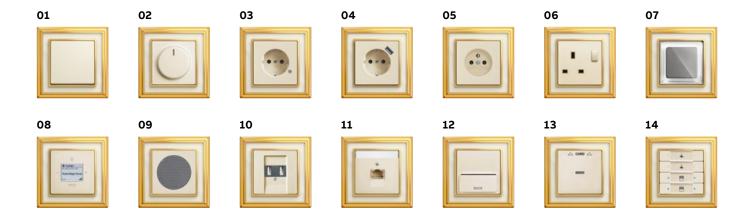
Opulence with a story.

It's like a painting with a stylish frame. Inspired by a real fairy tale, which takes you to a different world. Exclusive design, the finest material and perfect effect. The frames decorated with curved latticework. Polished and antique brass. Beauty and functionality come together to attain perfection. Something unique for your residence.



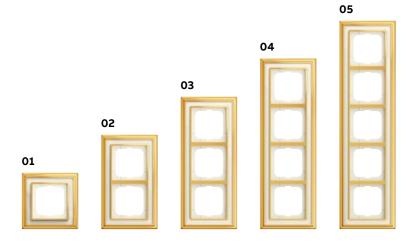
- 01 polished brass, decor, ivory white
- 02 polished brass, decor, anthracite
- 03 antique brass, decor, ivory white
- 04 antique brass, decor, anthracite
- 05 polished brass, ivory white
- 06 polished brass, anthracite
- 07 antique brass, ivory white
- 08 antique brass, anthracite
- 09 ivory white
- 10 anthracite

Selected functions.



- 01 Rocker switch 1gang
- 02 Rotary dimmer
- 03 SCHUKO® socket outlet with LED indicator light
- 04 SCHUKO® USB socket outlet
- 05 Socket outlet with earthing pin
- 06 Switched socket outlet BS standard
- 07 Busch-iceLight®
- 08 Busch-AudioWorld® Busch-Radio iNet

- 09 Loudspeaker connection box
- 10 USB power adapter insert
- 11 RJ 45 connection socket
- 12 Busch-iDock
- 13 Intelligent card switch
- 14 KNX sensor, for more KNX products see part 12 of the catalogue Intelligent Building Solutions



1 to 5gang cover frame for horizontal or vertical installation

01 106 x 106 mm

02 106 x 177 mm

03 106 x 283 mm

04 106 x 389 mm

05 106 x 495 mm



Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2	way		
2000/6	US-500	2CKA001012A2198	10/100
2gang 1	way		
2000/5	US-500	2CKA001012A1150	10/100
DP, 1gan	g 2way ²)		
2000/6/	′2 US	2CKA001012A0954	10
1gang			
2000/7	US-500	2CKA001012A2199	10/100
DP, 1gan	g 1way		
2000/2	US-500	2CKA001012A2196	10/100
SP, 1gan	g 1way swit	ch	
2000/1	US-500	2CKA001012A2059	10/100

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2400/6 US-500	2CKA001012A2232	10/100
2gang 1way		
2400/5 US-500	2CKA001012A2234	10
1gang		
2400/7 US-500	2CKA001012A2236	10

¹⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals.
Rated voltage: 250 V~
Rated current: 10 AX

Protection class (Device): IP 20IEC 60669-1

2000/6/6US-101-500 2CKA001011A0928 10/100





Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals.

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6/6US-101-500 2CKA001022A0663

³⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2)

DP, 1gang 1way

For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/2 US-101-500 2CKA001012A2193 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Also for switching SCHUKO® socket outlets.



Rocker Switch Mechanism 1) 2) 3-pole, 1gang 1way switch

Rated voltage: 400 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/3 US	2CKA001011A0816	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20

IEC 60669-1

1gang 2way ²)		
2000/6 USGL-500	2CKA001012A2194	10/100
2gang 1way		
2000/5 USGL	2CKA001012A1135	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.



Rocker Switch Mechanism, control 1) 2gang 1way

with LED,

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/5 USK-500 2CKA001012A2238 10

¹⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty		
100		echanism, control 1) 2) 3)		
7 7	With neon lamp.				
	Rated voltage: 250 V~				
	Rated current: 10 AX				
1 L	Protection class	(Device): IP 20			
	IEC 60669-1				

1gang 2way with N-	1gang 2way with N-terminal			
2000/6 USK-500	2CKA001022A0659	10/100		
DP, 1gang 1way				
2000/2 UK	2CKA001022A0656	10		

¹⁾ With 1 mA neon lamp

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal

With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6 USK-500 2CKA001022A0661 10

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With N terminal.
Rated voltage: 250 V~
Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-500 2CKA001413A0574 10/100	0
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With 2 independent signalling contacts.

Rated voltage: 250 V~

Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 US-201 2CKA001413A0483	10
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1) 2) 3)

SP, with normally open contact (operating current)

With illumination. With N terminal.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 USGL-500	2CKA001413A1106	10/100
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)





Push-switch mechanism 1)

With one input terminal and 2 actuating covers.

Rated voltage: 250 V~

Inputs: 1

Outputs: 2x Normally open contact

Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-205-500 2CKA001413A1105 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP. 1gang 2way

Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).

With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-206-500 2CKA001413A1104 10/100

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocke

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

anthracite	1786-81-500	2CKA001751A3079	10/100
ivory white	1786-82-500	2CKA001751A3083	10/100
antique brass 1)	1786-840-500	2CKA001751A3116	10/100

¹⁾ Real metal surface refined by hand.



Rocker

For flush-mounted switch 2g 1w, 2g push switch.

anthracite	1785-81	2CKA001751A2930	10
ivory white	1785-82	2CKA001751A2744	10/100
antique brass 1)	1785-840-500	2CKA001751A3117	10

¹⁾ Real metal surface refined by hand.



Rocker

For flush-mounted switch 2g 1w, 2g push switch.

anthracite	1785 K-81-500	2CKA001751A3122	10
ivory white	1785 K-82-500	2CKA001751A3124	10
antique brass 1)	1785 K-840-500	2CKA001751A3131	10

¹⁾ Real metal surface refined by hand.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ With 1 mA neon lamp.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

³⁾ For relay and touch dimmer applications.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Artic
1-1		-mounted 1gang 1way, 1gan ate switch, push-button and	,		Card SP, w Illumi With Rated
anthracite	1789-81	2CKA001751A2928	10		Prote Stand
ivory white	1789-82	2CKA001751A2813	10		2025
antique brass 1)	1789-840-500	2CKA001751A3118	10	Mounting	35 mi
1) Real metal surfac	e refined by hand.			boxes:	or Du



Rocker 1) 2) with labelling field

With pilot lamp for uniform illumination of the labelling field.

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Size of labelling field: 51 x 10 mm.

anthracite	1764 NLI-81	2CKA001731A1552	10
ivory white	1764 NLI-82	2CKA001731A1876	10
antique brass 3)	1764 NLI-840-500	2CKA001731A2024	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{\}scriptscriptstyle{(3)}}\textsc{Plastic}$ surface refined by hand.



Cover plate

For card switch. For insert 2025 U.

Suitable for cards sized 54 x 86 mm.

The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated.

anthracite	1792-81	2CKA001710A3639	10
ivory white	1792-82	2CKA001710A3640	10
antique brass 1)	1792-840-500	2CKA001710A4078	10

¹⁾ Plastic surface refined by hand.



Rocker

With marking.

For flush-mounted switch 2g 1w, 2g push switch. With Marking " DO NOT DISTURB / MAKE UP ROOM" $\,$

anthracite	1785/11-81	2CKA001751A3205	10
ivory white	1785/11-82	2CKA001751A2991	10
antique brass 1)	1785/11-840-500	2CKA001751A3119	10

¹⁾ Real metal surface refined by hand.



Bell push-switch DND/MUR

with marking "Do not Disturb" and "Make up Room"

two seperate LED indicators

with screw-type terminal Rated voltage: 250 V~

Rated current: 10 ABS EN 60669-1, IEC 60669-1

anthracite	2029 UC-81	2CKA001751A3167	1	
ivory	2029 UC-82	2CKA001751A3168	1	

Product	Article-No.	Order-No.	Pack/Qty	
	Card switch 10 A ¹) SP, with normally open contact (operating currer llluminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1			
	2025 U	2CKA001012A1713	10	
Mounting boxes:	35 mm deep flusl or Dual Box 3070			
2gang product combinations:	2gang combinati APBS in Dual Box	on with adapter plate only.		
delivery form:	Adapter plate AP	BS to be ordered separate.		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}mbox{\tiny 2)}}$ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

Article-No.

Dimmers

Product

roduct	Al title-ivo.	Oraci No.	i den, qty
	Friends of Hue smar	t switch insert	
[0] [0]	Wall-mounted transi	nitter, 2 channel	
U.,U	For Friends of Hue sr	nart switch rocker 6736 F	OH-8xx.
00	Smart light switch for Hue lamps.	r wireless remote contro	l of Philips
Pener Pener		ing of Philips Hue lamps.	
	•	and dimming of max. 2 in	ndividual
	•	ntenance-free thanks to '	'Energy
	Maximum reliability	due to Zigbee Mesh techr Bridge v2 (square shape) p (v3.2 or later).	
		th switch ranges carat®, E	Busch-
		ess steel, solo®, Busch-a>	
	future® linear.		
	Can be freely mounted in the room using the enclosed		
	adhesive tape and mounting plate.		
	•	for mounting on smooth	n walls or
		components: Double-side	d tape +
	6716 U-500	2CKA006710A0014	1
	Can be combined wit	mart switch insert 6716 U th switch ranges carat®, E ess steel, solo®, Busch-ax	Busch-

Order-No.





Pack/Qty

Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) Flush-mounted, LED, 2-100 W

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With adjustable minimum brightness.

Without cover plate.

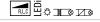
Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads).

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 U-102-500 2CKA006512A0335 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

Surface painted.

 $^{^{\}rm 3)}$ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

 $^{^{\}scriptsize 5)}$ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty Product Article-No. Order-No.



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) UP, LED, 2-400 W

Very small installation depth: < 20 mm

Without claws.

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum/maximum brightness.

Low-noise level by MOSFET transistors. With electronic short-circuit protection.

With electronic overload protection.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control)

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 UR-103-500 2CKA006512A0345 1/10



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

Touch dimmer.

2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.

Pack/Qty

Mix operaton of LEDi with conventional loads possible. With adjustable minimum brightness.

The minimum brightness for the leading edge control can be adjusted using the potentiometer

The potentiometer at the left limit stop corresponds with the trailing edge control mode.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection. With electronic overload protection.

With light-level memory and minimum brightness memory. Operation also possible via conventional push

buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads).

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323

1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

3) In case of electronic transformers, 5 % transformer losses.

4) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

5) Recommendation: Please use loads and types of one producer.

6) In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R, 60-600 W

With rotary control, 2way On-Off switching and

Leading Edge control.

For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1. British Standard EN 60669-2-1



2250 U-500

2CKA006515A0848

1/10

1/10

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. 2) In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Provided with terminal for net disconnection devices.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RL, 20-500 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 ___RL ⇔ □ 2247 U-500 2CKA006512A0302 1/10 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

- 2) In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) UP, RL, 200-700 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer

Short-circuit-proof, overload-protected.

With adjustable minimum brightness.

Without cover plate.

Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

2CKA006520A0227



¹⁾Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 6) Should be mounted in a seperate wallbox.





Busch-2gang switch/rotary dimmer 1) 2) 3) flush mounted, RL, 60-400 W

1 channel designed as dimmer.

1 channel designed as switch contact (1gang 2way contact element)

with leading edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

With adjustable minimum brightness.

Without cover plate.

Rated current 6A (changeover contact switch output).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 400 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6517 U-101-500 2CKA006517A0018 1/10

- $^{1)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. 3) Can be used to replace a 2gang 1way switch.



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

With rotary control, soft-catch and with trailing edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic

Low-noise, short-circuit-proof, overload-protected.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 40 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6513 U-102-500

2CKA006513A0586 1/10

- 1) Not suitable with conventional transformers.
- 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices.
- 5) Also applicable for 1 gang 2 way installations.
- 6) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	control. For incan halogen lamps ar electronic transfo overload-protect DP cut off (P,N) Rated voltage: 23 Rated frequency: Rated power: 20	C, 40-420 W ol, soft-catch and with tra descent lamps, 230 V tun dolow-voltage halogen lar ormers. Low-noise, short- ed. Without cover plate. 0 V~, +10 % / -10 % 50 Hz	gsten nps with circuit-proof,
	♣	2CKA006514A0115	- .

¹⁾ Not suitable with conventional transformers.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RLC, 60-420 W

with soft-catch

With intelligence for universal operation.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

 $Short\mbox{-}circuit\mbox{-}proof, overload\mbox{-}protected.$

Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6591 U-101-500

2CKA006513A0588 1/10

1

⁵⁾ Cannot be combined with a 2way switch.



Busch-rotary dimmer, extension 1) 2) flush mounted

for connection to 6591 U-101,

To be used with Busch-Dimmer®, MDRC 6583.

with soft-catch

A maximum of 5 multi-way extensions can be connected to a 6591U-101,

Without cover plate.

Rated voltage: 230 V \sim , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz



6592 U-500 2CKA006513A0590

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, 1-10V

With rotary control.

For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.

For LED control via control gears Without cover plate.

Rated voltage: 230 V \sim , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

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2112 U-101-500 2CKA006599A2873 1/10

1) Non-illuminable.

- ³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- ⁴⁾ Making-current limiters have to be provided in case of too high making currents.



Busch-rotary dimmer 1)

Flush-mounted, DALI, tunable white

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. Fool proved.

For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6,500 K.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116 U 2CKA006599A3025

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Provided with terminal for net disconnection devices.

⁵⁾ Also applicable for 1gang 2way installations.

¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.

 $^{^{\}mbox{\tiny 2)}}$ In case of electronic transformers, 5 % transformer losses.

³⁾ In the case of conventional transformers, take ~20% transformer loss into account. ⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹) Control elements 2115-xxx and 6540-xxx.

² Required for illuminating the N-connection control element.

²⁾ Use cover plates 2115 J-.../2115-.../6540-...

Dimmers

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1)

Flush-mounted, DALI, with internal power supply, tunable white

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K -6,500 K

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA

Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C

2116/11 U

2CKA006599A3026

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) flush mounted, DALI

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation. Fool proved.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA

Not suitable for combining with other DALI sensors or central units of other manufacturers.

An additional DALI power supply is needed, e.g. by

Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm2).

Without cover plate. Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2117 U-500

2CKA006599A2987

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Busch-rotary dimmer 1)

flush mounted, DALI, with internal power supply For DALI broadcast service (via central telegram).

With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface. With rotary control and ON/OFF push operation. With electronic short-circuit protection. With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V= Rated current: max 75 mA Power consumption: < 2,5 W Number of DALI-units:

connection: 111

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as

additional operation point. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C

2117/11 U-500

2CKA006599A2988

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

Donly in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Dimmers

Product Article-No. Order-No. Pack/Qty Product Article-No. Order-No.



Busch-touch dimmer 1) 2) flush mounted, RL, 25-500 W

With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional

Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Parallel operation of several transformers and/or incandescents lamps possible.

Without control cover.

Rated voltage: 230 V \sim , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6560 U-101-500

2CKA006560A1207

1/10

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.
²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,
Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch touch-dimmer range 1) 2) 3) 4) flush mounted, RC, 45-315 W

For switching and dimming 2 independent devices. With trailing edge control.

2gang 1way

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Compatible with control covers 6545-xxx. Without cover, without cover plate.

Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British Standard EN 60669-2-1



6565 U-500

2CKA006565A0057

57 1/10



Busch-touch dimmer 1) 2) 3) 4) flush mounted, RLC, 60-420 W

With light-level memory and intelligence for universal operation.

Pack/Qty

Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

With touch control.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10 For comfort timer control element 6455-101-500.

For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6593 U-500 2CK

2CKA006590A0171 1/10

⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-Dimmer®, capacity booster ¹) flush mounted, RLC, 200-315 W

The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 315 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6594 U-500

2CKA006590A0172

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Not suitable with conventional transformers.

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Does not provide an extension input.

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.

 $^{^{2)}\}mbox{In case}$ of electronic transformers, 5 % transformer losses.

³⁾In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	For controlling be control output 1 For control cove For Busch-Remo and 6067-xxx-10 For comfort time For Busch-Watch Standard 6810-2 For Busch-Watch Comfort II 6800-For Busch-Watch 6813/11-xxx. Combinable with 6805 U. Operation also per (2020 US, 2021/4) For LED control-Without control Rated voltage: 2 Rated frequency Rated power: 70	n-10V In (neutral conductor requallast units for fluoresce-10 V DC, control current r with control lamp 6543 the control IR control cover. It control lamp 6543 the control lamp 6455-100 flush-mounted 11x-101. Indog 180 flush-mounted 11x-101. Indog 180 flush-mounted 12x-104 and 6800-xxx-104 and 6800-xxx-104 and 6800-xxx-104 and 6800-xxx-105 the control generate the folial state of the control generate folial state of the control genera	ent lamps with max. 50 mA DC. I-xxx-10x. I-xxx-10x. I-101-500. I-xxx-10x I-xxx-101. I-xxx-101 und I-
	6550 U-101-500	2CKA006550A00	042 1

¹⁾ Non-illuminable.

³⁾ with integrated making-current limiter



Cover plate 1)

with rotary knob, with indication lamp

Elevated knob.

For Busch-Dimmer®.

For inserts

2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/ 6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.

anthracite	6540-81-102	2CKA006599A2950	10
ivory white	6540-82-102	2CKA006599A2951	10/100
antique brass 2)	6540-840-102-500	2CKA006599A3022	10

¹⁾ Replacement neon lamp, Art. No. 3855.

² Real metal surface refined by hand.



Control element 1) 2) 3)

with neon lamp

Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.

anthracite	6543-81-101	2CKA006599A2881	1/10
ivory white	6543-82-101	2CKA006599A2831	1/10
antique brass 4)	6543-840-101-500	2CKA006599A3023	1/10

¹⁾ Compatible with previous type 6543-xxx.

Product	Article-No.	Order-No.	Pack/Qty



Control element 1) with neon lamp

Combinable with Busch-Memory 2gang dimmer 6565 U.

anthracite	6545-81	2CKA006599A2906	1/10
ivory white	6545-82	2CKA006599A2907	1/10
antique brass 2)	6545-840-500	2CKA006599A3024	1/10

¹⁾ Replacement neon lamp 3857.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Touch-type Controller 6550 U-xxx non-illuminable.

³⁾ Replacement neon lamp 3857.

⁴⁾ Real metal surface refined by hand.

²⁾ Real metal surface refined by hand.

Movement detectors / comfort switches

Product Article-No. Order-No. Pack/Qty



Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen

lamps, that are operated via transformers. Rated current: 10 AX

Rated power: 2300 W/VA

Temperature range (Device): -25 °C to 55 °C60669-2-1

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6401 U-102-500 2CKA006401A0049 1/10



Busch-Universal 2gang 1way insert

3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs.

For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): 0 °C to 35 °CBritish

Standard EN 60669-2-1

6402 U-500 2CKA006401A0051 1/10 Mounting 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. 2gang product 2gang combination with adapter plate combinations: APBS in Dual Box only. neon indicator: neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.

Product Article-No. Order-No. Pack/Qty



Busch-Watchdog relay mechanism

3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated power: 700 W/VA

Temperature range (Device): 0 °C to 55 °CBritish Standard EN 60669-2-1

6812 U-101-500

2CKA006800A2160



Busch-Watchdog MOS-Fet Insert 1) 2) 3) 4) 5) 6)

2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M.

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.

Rated power: 60 - 420 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

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6804 U-101-500

2CKA006800A2219

5) Cannot be used to control relais

¹⁾ In case of electronic transformers, 5 % transformer losses.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.

⁴⁾ Not suitable for activating the staircase time delay.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

Movement detectors / comfort switches

Busch-Watchdog extension insert ¹) 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 un 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potent bound			
6805 U-500	2CKA006800A2161	1/10	
•	5 5		
5 5	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang combinati APBS in Dual Box			
	3 wire connection For extending Busch-Watchdog For combination 6402 U. For combination 6550 U-101. For Busch-Watch Comfort II 6800- For Busch-Watch 6813/11-xxx. Rated voltage: 22 Rated frequency Control/Signal obound Temperature ran 6805 U-500 35 mm deep flus or Dual Box 3070 1gang frame 172 or Dual Box fram 2gang combinat	3 wire connection (neutral conductor requir For extending Busch-Watchdog 180 flush-m Busch-Watchdog Presence tech installation For combination with relay insert 6401 U-10 6402 U. For combination with MOS-Fet insert 6804 For combination with Dimmer insert 6593 U 6550 U-101. For Busch-Watchdog 180 flush-mounted se Comfort II 6800-xxx-104 and 6800-xxx-104 For Busch-Watchdog Presence tech 6813-xx 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output bound Temperature range (Device): 0 °C to 35 °C 6805 U-500 2CKA006800A2161 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. 1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG. 2gang combination with adapter plate	



Busch-Watchdog 180 flush-mounted comfort sensor II 1) 2)

with multi-lens

For automatic switching of devices dependent on motion and brightness.

For down-to-ground detection.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101.

For Dimmer insert 6593 U.

For extension insert 6805 U

With integrated selector switch for ON-AUTOMATIC-OFF

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 28 sectors with 112 switching segments.

Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m

Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m

Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C

anthracite	6800-81-104M	2CKA006800A2269	1
ivory white	6800-82-104M	2CKA006800A2100	1
antique brass 3)	6800-840-104M-500	2CKA006800A2730	1

¹⁾ installation: slide switch top.

Product Article-No. Order-No. Pack/Qty



Busch-Universal relay switch insert

3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500.

Can be combined with Universal-Slave insert 6440/05 U-500. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 2300 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

2CKA006400A0085 6440/01 U-500



Universal e-contact insert 1)

2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500.

For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert

6440/05 U-500.

Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated power: 20 - 180 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1



6440/04 U-500 2CKA006400A0088

²⁾ Please order the respective flush-mounted insert separately.

³⁾ Plastic surface refined by hand.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	For the extension Presence detector For communication 6440/01 U-500. For communication 6440/04 U-500. For Busch-Comfor Busch-Presen Rated voltage: 23 Rated frequency Control/Signal or bound Temperature ran	in (neutral conductor recond (neutral conductor recond for Busch-Comfort switch in the state of	insert intact insert ent 3102-500. eput, potential-

Busch-Comfort switch control element 1) 2) with neon lamp

6440/05 U-500

Movement detector/push-button switch combination. Push switch function possible at all times.

2CKA006400A0091

For switching lighting systems that depend on brightness and movement.

Extension of the detection range by means of master/ slave combination.

Additional activation/deactivation possibility through pushbutton input.

Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiatuomatic, manual switch-on, automatic (time and motion-controlled)

switch-off. Adjustable operating mode: automatic switch-on, manual switch-off.

With continuous light/continuous off function.

Adjustment elements on the rear.

Surveillance density: 9 sectors with 28 switching

Switch-off delay: 1 to 10 min., adjustable.

For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500.

For Universal-Slave insert 6440/05 U-500.

Control element: 2 controllers for setting the brightness

switching threshold and switch-off delay.

Display elements: LED for status display.

Detection range: frontal: 5 m, lateral: 3 m, Mounting

height: 1.1 m

Detection angle: 170 $^{\circ}$

Brightness limit value: 0.5 Lux - 500 Lux, Daytime

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm

DIN EN 60669-2-1

anthracite	6815-81-101-500	2CKA006800A2828	1
ivory white	6815-82-101-500	2CKA006800A2830	1
antique brass	6815-840-101-500	2CKA006800A2841	1

¹⁾ Please order the respective flush-mounted insert separately

Blind control / timers

e-No.	Order-No.	Pack/Qty
ched-on and out in the cred without voltage: 250 current: 10 A	pole ylindrical lock. d switched-off status the keentral position, respectively cylindrical lock.) V~ AX Device): IP 20IEC60669-1, Br	<i>i</i> .
JSL-101	2CKA001101A0914	10
deep flush I Box 3070-2		
2gang combination with adapter plate APBS in Dual Box only.		
plicable		
er plate APB	S to be ordered separate.	
	er plate APB Standard wa	plicable er plate APBS to be ordered separate. Standard wallboxes please use adapter plat

^{(6599-0-2813), (}Depth of box 60 mm.)

³⁾See profile semi-cylindrical lock.



Blind switch insert 1) 2)

With interlock.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

SP, switch		
2000/4 US-500	2CKA001012A2197	10/100
SP, push switch.		
2020/4 US-500	2CKA001413A1103	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.



Blind switch insert 1) 2)

With rotary knob/switch and push switch.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1, British Standard EN 60669-1

P ³) 712 U P, N, E	2CKA001101A0534	10	
P, N, E	2CKA001101A0534	10	
713 U	2CKA001101A0542	10	
35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
2gang combination with adapter plate APBS in Dual Box only.			
not applicable			
Adapter plate APBS to be ordered separate.			
	ot applicable	nly. ot applicable	

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ The range specifications refer to an ambient temperature of 21 °C.

³⁾ Surface painted.

²⁾ Use the cylindrical lock according to the enclosed drawing.

²⁾ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Also suitable for controlling direct voltage drives.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Blind switch inse	• •	
	With rotary knob	/push button.	

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP ³)	DP 3)			
2722 U	2CKA001101A0559	10		
SP, N, E				
2723 U	2CKA001101A0567	10		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Also suitable for controlling direct voltage drives.



Blind switch/push-switch 1) 2) 3) 4)

For profile semi-cylindrical lock/switch and push-switch.

Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP ⁵)			
2712 USL-101	2CKA001101A0872	10	
SP, N, E			
2713 USL-101	2CKA001101A0880	10	

 $^{^{1)}}$ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

⁵⁾ Also suitable for controlling direct voltage drives.



Blind switch insert 1) 2) 3) 4)

For profile semi-cylindrical lock/push-button. Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

British Standard EN 60669-1, IEC60669-1

DP ⁵)				
2722	USL-101	2CKA001101A0898	10	
SP, N	, E			
2723	USL-101	2CKA001101A0906	10	

¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

Product	Article-No.	Order-No.	Pack/Qty



DIN profile-semi cylindrical lock

Acc. to German Standard DIN 18252.

Total length 40 mm

for blind switches and push switches

For inserts 2712/2713/2722/2723/2733 USL-101 and

2712/2733 SLW-5x.

Protection class (Device): IP 20

different lock mechanism, with 3 keys		
0520 PZ-VS	2CKA000470A0013	1/100
lock mechanism, with	n 3 keys	
0521 PZ-GS	2CKA000470A0021	1/100



Comfort blind insert 1) 2) 3)

with memory and positioning function

For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob.

Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off.

Suitable for operation without neutral conductor.

Without an extension input.

Power reserve of 45 minutes (maintenance-free as

capacitor).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Outputs: 2x Normally open contact

Rated current: 1.3 A, cos φ 0.5

Rated power: 300 VA

Temperature range (Device): 0 °C to 35 °C

6419 U	2CKA006410A0390	1/10
0419 0	2CKA000410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

³⁾ Only suitable for single unit control.



Basic blind insert 1) 2)

2-wire blind insert

Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.

Suitable for operation without neutral conductor.

Without an extension input.

For control cover 6430-xx-xxx.

For standard timer control element 6456-101.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact Rated current: 3 A, cos ϕ 0.5 Rated power: 690 VA

Temperature range (Device): 0 °C to 35 °C

	6418 U-500	2CKA006410A0376	1/10
Mounting 35 mm deep flush 1gang boxes: or Dual Box 3070-2/35 BSDB.			
2gang product 2gang combination with adapter plate combinations: APBS in Dual Box only.			
1) N. conductor con	postion required for	operation with control cover 64	20 7v

N-conductor connection required for operation with control cover 6430-7x, illuminated.

²⁾ Blind switches/push switches prevents fast change over between operating directions.

² Blind switches/push switches prevents fast change over between operating directions.

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

²⁾ Blind switches/push switches prevents fast change over between operating directions.

 $^{^{}m 3)}$ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty		
		rol II switch insert 1)			
		, roller blind and awning	•		
0.00	cc.i.a.i.ica. o. c.c	ctronic limit switch shu			
		ulti-way input terminal			
THE REAL PROPERTY.		. With operating mode			
	-	normal, louvre, base st			
	With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx. Wind alarm, cleaning				
		functions can be accommodated via extension input. For control cover 6430-xx-xxx. For IR control element			
		6066-xx-xxx For comfort timer control element			
	6455-101-500.	connord dimer control e	dement		
	Running time: 3 n	nin			
	3	0 V~, +10 % / -10 %			
		Rated frequency: 50 Hz			
	Outputs: 2x Norm	nally open contact			
	Rated current: 3 A	Rated current: 3 A, cos φ 0.5			
	Rated power: 690	VA			
	Control/Signal ou	ıtputs: 2			
	Temperature rang	ge (Device): 0 °C to 35 ° $^\circ$	С		

¹) Compatible with types 6411 U/x.



Brightness sensor

6411 U-500-101

For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.

6414-101	2CKA006410A0389	1/10	

2CKA006410A0378

1/10



Sun sensoi

For insert 6411U/S-101. Measuring range: 5-50,000 lux.

6482 2CKA006410A0203 1	
-------------------------------	--



Busch-Short-time timer insert 1)

countdown timer

For time-programmed switching of electrical consumers. With control cover, without cover plate.

Minimum timer time: 1 second.

Maximum timer time: 9:59:59 hours.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact Rated current: 10 A, $\cos \phi$ 1

Rated power: 2300 VA Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1

	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 19 or Dual Box 3070-2/	, ,	
Cover frames:	1gang frame 1721 BS or Dual Box frame 1		
2gang product combinations:	2gang combination APBS in Dual Box on		
neon indicator	not applicable		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product	Article-No.	Order-No.	Pack/Qty



коскег with marking

As cover for flush-mounted blind control switch/push switch.

For inserts 2000/4 and 2020/4 US.

anthracite	1785 JA-81	2CKA001751A2934	10
ivory white	1785 JA-82	2CKA001751A2748	10
antique brass 1)	1785 JA-840-500	2CKA001751A3120	10

¹⁾ Real metal surface refined by hand.



Cover plate with rotary control, with marking

As cover for flush-mounted blind control switch/push

switch.

For inserts 2712 U, 2713 U and 2722 U, 2723 U.

anthracite	1740-81	2CKA001710A3623	10
ivory white	1740-82	2CKA001710A3154	10
antique brass 1)	1740-840-500	2CKA001710A4089	1/10

¹⁾ Real metal surface refined by hand.



Control element

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For basic blind insert 6418 U.

For Busch-Universal 2gang 1way insert 6402 U.

ivory white	6430-81-102 6430-82-102	2CKA006430A0326 2CKA006430A0327	1/10
antique brass 1)		2CKA006430A0406	1/10

¹⁾ Real metal surface refined by hand.



Cover plate 1) with rotary knob

For comfort blinds insert 6419 U.

anthracite	6436-81	2CKA006430A0387	10
ivory white	6436-82	2CKA006430A0356	10
antique brass 2)	6436-840-500	2CKA006430A0406	1/10

 $^{^{1)}}$ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.

 $^{^{\}rm 2)}$ Real metal surface refined by hand.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Standard timer o	ontrol element 1)	
10:32	For manual and t roller blinds.	ime-controlled switchin	ng of blinds and
		n program including (A	, ,
		djustment and Astro bl	•
	The controlled de time.	vices can be manually c	perated at any
	Simple setting vi- background illum	a high-resolution displa ination.	y with
	•	ching times/date/time.	
	Factory-set switch adjusted.	thing times can be indiv	ridually
	Automatic switch (switch-off funct	nover from summer timion).	e to winter time
	Switching times/ event of a mains	programme are safely s power failure.	stored in the
	Power reserve for	r time and date > 10 yea	ırs.
	Simple toggling I modes.	oetween manual/autom	natic/vacation
	Programming po attached and ene	ssible only with control eraized.	element
		s per day can be user-de	efined for each
	,	imes and switching tim	ies can be
	For basic blind in	sert 6418 U.	
	Temperature ran	ge (Device): 0 °C to 35 °	С

2CKA006410A0398

1/10

6456-101





Comfort timer control element 1)

For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time.

The controlled devices can be manually operated at any time.

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time. Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years. Simple toggling between manual/automatic/vacation $\,$

modes.
Combined with Busch-Blind control II insert
6411 U/S-101, sun protection and twilight function.

Freely adjustable temperature and brightness-dependent sun protection function.

Freely adjustable twilight function.

User-adjustable running times for blinds and air conditioning.

Programming possible only with control element attached and energized.

 $\,$ 6 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For Busch-Universal relay switch insert 6401 U-102. For Busch-Universal master dimmer insert 6593 U.

For Busch-Universal master dimmer insert 6593 U

For LED dimmer insert 6524 U and 6526 U..

For Busch-Memory touch-type controller 6550 U-101.

Temperature range (Device): 0 °C to 35 °C

6455-101-500 2CKA006410A0399 1/10

¹⁾ See respective cover plates 6435-xx.



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101.

anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
antique brass 1)	6435-840-500	2CKA006430A0405	10

¹⁾ Plastic surface refined by hand.

¹⁾ See respective cover plates 6435-xx.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.
•	SCHUKO® socket out shuttered With screwless termin DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A	nals.			SCHUKO® socket of with hinged lid With screwless terr DP (2 P + E) Hinged lid notches Rated voltage: 250 Rated current: 16 A	ninals. when opened.
anthracite	20 EUCKS-81	2CKA002013A5265	10	ivory white	20 EUK-82	2CKA002018A1465
ivory white	20 EUCKS-82	2CKA002013A5244	10/100			
antique brass	20 EUCKS-845-500	2CKA002013A5401	10	antique brass 1)	20 EUK-840-500	2CKA002018A1515
anthracite 2)	20 20 213-043-300	2011/1002013/43401	10	1) Real metal surfac	e refined by hand.	

10/100

²⁾ Real metal surface refined by hand.



antique brass

ivory white 2)

SCHUKO® socket outlet ¹) shuttered

With screw-type terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

antique brass anthracite ²)	23 EUCKS-845-507	2CKA002011A6247	10
antique brass ivory white ²)	23 EUCKS-848-507	2CKA002011A6245	10
anthracite 3)	2300 EUCB-81	2CKA002013A5448	10
ivory white 3)	2300 EUCB-82	2CKA002013A5449	10/100

20 EUCKS-848-500 2CKA002013A5398

³⁾ With screw-type terminals



SCHUKO® socket outlet steplight® 1) With night orientation light

with separate connection cables for switch contact. with LED,

Shuttered.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

ivory white	20 EUCBLI-82	2CKA002013A5292	1
antique brass ²)	20 EUCBLI-840-500	2CKA002013A5399	1

 $^{^{1)}}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Plastic surface refined by hand.



13 A Switched socket outlet

1gang

With screw-type terminals.

SP switched

Without claws.

Only for mounting in VDE flush-mounted wallboxes CFB

122 and CFBM 122.

Rated voltage: 250 V~

Rated current: 13 ABS 1363: part2

anthracite	2190 EUC-81	2CKA002190A0216	10/100
ivory	2190 EUC-82	2CKA002190A0213	10/100
antique brass 1)	2190 EUC-840-500	2CKA002190A0222	10

¹⁾ Surface painted.



shuttered

With screwless terminals.

Shuttered.

DP (2 P + E)

For supply and support of mobile devices via USB-cable.

Pack/Qty

10 10

With USB female connector type A.

With electronic short-circuit protection.

With electronic overload protection.

Simultaneous charging via USB connection and use of

the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz

Suitable for: SCHUKO® socket outlet

Rated current: 16 A

Suitable for: USB connection

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

anthracite	20 EUCBUSB-81-500	2CKA002011A6176	1
ivory white	20 EUCBUSB-82-500	2CKA002011A6177	1
antique brass 4)	20 EUCBUSB-840-50	0 2CKA002011A6246	1

 $^{^{\}mbox{\tiny 1)}}\mbox{Connecting terminals}$ approved in accordance with VDE 0620-1 as connectors.

¹⁾ Increased shock protection .

 $^{^{\}scriptscriptstyle 1)}$ Increased shock protection .

²⁾ Real metal surface refined by hand.

²⁾ No data transfer.

³⁾Use dust cover 2098 when cleaning the device.

⁴⁾ Plastic surface refined by hand.

Data communication

Product	Article-No.	Order-No.	Pack/Qty	
	•	t, flush-mounted 1) 2)		
WE	power supply fron	n mains power		
	The state of the s	Naccess point for the	connection of	
	WLAN terminal dev	rices to the LAN.		
. 1	Operation as WLAI	N repeater for extend	ing the	
	e of a WLAN.			
	Operation as WLAN adapter for integrating Ethernet			
	terminal devices into a WLAN. Supports WLAN standards IEEE 802.11b/g/n with			
	2.4 GHz; integrated WLAN antenna.			
	Backward connect	ion of an Ethernet cal	ole via screw	
	terminals (10/100	Mbit/s).		
	Front-side Etherne	t connection via a RJ	45 socket	
	(10/100 Mbit/s).			
	The three connecti	ons (WLAN, Ethernet	/screw terminals	
	and Ethernet/RJ45	6)can be used in paral	lel via the	
	integrated switch.			
	Power supply via 2	-pole connecting tern	ninal.	
	Nominal voltage:	100 - 240 V~		
	For mounting in co	mmercially available	deep flush-	
	mounted and hollo	w-wall boxes.		
	Rated frequency: 5	0 Hz - 60 Hz		
	Protection class (D	evice): IP 20		
	8186/31-101-500	2CKA008100A0	359 1	

¹) Suitable for cover plate 1803-xxx.

Reset magnet



For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.

Protection class (Device): IP 20

8186/11-500 2CKA008100A0361



Universal data connection unit, cat. 3 1) 1gang

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

0213-500 2CKA000230A1549 10/100

¹⁾ Suitable for cover plate 1803-xxx.



Universal data connection box with down-leading

2gang internally parallel connected

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

ala aa (Douriso), ID 30

	Protection class (Device): IP 20			
	0214	2CKA000230A0235	10/100	
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.			
neon indicator:	not applicable			

¹⁾ Suitable for cover plate 1803-02-xxx.

Product	Article-No.	Order-No.	Pack/Qty	
(******	outlet 1)	onnection box with down-le	ading	
Diminio	2 x outlets, 8/8-pole With down-leading outlet.			
	For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.			
620	Design according to IEC 60 603-7-2:2007.			
	Screw contacts			
	With claw.			
	Protection class ((Device): IP 20		
	0215	2CKA000230A0243	10	
Mounting boxes:	35 mm deep flush or Dual Box 3070	5 5		
2gang product	2gang combinati	on with adapter plate		

neon indicator: not applicable ¹⁾ Suitable for cover plate 1803-02-xxx.



combinations:

Data-connection box, RJ 45, cat. 6a iso, shielded 1)

With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to

ISO/IEC 11801:2011-06.

APBS in Dual Box only.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the

back possible. Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for RJ 11. RJ 12 und RJ 45.

For data cables with a diameter of 6-10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without claws

Mounting depth: 31 mm.

Protection class (Device): IP 20

2CKA000230A0409 0218/11-101 1/10

 $^{^{2)}}$ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

[&]quot;) Suitable for cover plate 1803-xxx.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
		box, RJ 45, cat. 6a iso,	, shielded ¹)
1-2-1	2 x outlets, 8/8-p		
10013		ig outlet and LSA self-c or networks according	J 1
	EA (10 Gbits/s / 5		to Cat ba, Class
		a, Class EA according to	2
	ISO/IEC 11801:20	,	
	•	A and B according to 1	ΓΙΑ/ΕΙΑ-568-Β.2.
	-	EN 60 603-7-51:2011-01	•
	Shielding accordi	ng to DIN EN 55022, Cla	ass B.
	Up to 500 MHz or	all pairs of wires.	
	Suitable for 10-Gi	gabit Ethernet.	
		according to IEEE 802.	.3at, >- 1.000
	contact durability		
		from all sides without	
	3	ng via 6,3 mm blade te	rminal at the
	back possible.		
	Re-embedded pro	оотеа. Ind-Match operation.	
	Suitable for RJ 11	•	
		rith a diameter of 6 -10	mm
		s, flush-mounted wall b	
	underfloor syster	,	ones and
	For wires of AWG		
	Without claws.		
	Mounting depth:	31 mm.	
	Protection class (Device): IP 20	

1) Suitable for cover plate 1803-02-xxx.



Universal data connection box 8(6)/ telephone unit 6F+N - connection box 1)

2CKA000230A0411

1/10

10/100

2 x 6-pole

0218/12-101

with straight outlet,

with screw contacts,

Universal data-connection boxes: RJ 11/12,

ISDN capable Cat. 3 in acc. with IEC 603-7/German

Standard DIN EN 60603-7,

Telecommunication outlet (telephone unit): for 1 telephone, 1 auxiliary device or 1 data transmission unit,

With claw. Protection class (Device): IP 20

2CKA000230A0381 UAE 8(6)TAE 6 F+N white

1) Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.



Satellite co-axial outlets

2 connectors/dead-end feeder

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

2CKA000230A0250 10/100



Antenna socket insert Radio/TV 2 connectors/loop through type

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

Minimal installation depth, class A. Protection class (Device): IP 20

0231-101 2CKA000230A0268 10/100 Product Article-No. Order-No. Pack/Qty



Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder

Broadband technology 47-2.150 MHz.

SAT connection designed as screwable F-male plug.

with remote feed via F-bush

For DVB-T and broadband-cable-systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

0232-101-500 2CKA000230A0463 10/100



Terminating resistor

Protection class (Device): IP 20

0239 2CKA000230A0201 10/100



Mounting plate 1) 2) with green insert

For 2 modular jack inserts.

For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws.

Protection class (Device): IP 20

1810-500 2CKA001753A9974 1) Compatibility with other manufacturers not listed is to be checked in accordance

with specified snap-in dimensions

2) For further information, please refer on the Internet.



Mounting plate 1) 2)

with red insert

For 2 modular jack inserts.

Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone,

Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts

For Telegärtner AMJ/UMJ connection modules/

couplings. For 2 fiber optic modules of the following types:

3M-Volition, Krone, mvk.

Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws.

Protection class (Device): IP 20

2CKA001753A9972

10/100

 $^{\mbox{\tiny 2)}}\mbox{For further information, please refer on the Internet.}$

1812-500

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

Data communication

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	For MTRJ or 2 modular jack inserts. For systems: Ackermann, AMP / tyco Flectronics (Slim			modules 0219. For channel and u	dation of one or two unitinder-floor installation. hone connection unit cov 5-xxx.		
	tyco Electronics		,		0219/13	2CKA000230A039	6 1/10
	Without claws. Protection class	s: (WxH) approx. 14.8 x 2 (Device): IP 20	:0.4 mm.	=P.n	Universal module	e, RJ 45, cat. 6a iso, shiel	ded ¹)

10/100

1814-500



Mounting plate 1) 2) with blue insert

For 2 modular jack inserts.

For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45

2CKA001753A9973

Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.

Without claws.

Protection class (Device): IP 20

2CKA001710A3100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with orange base

For 2 modular jack inserts.

For system: LexCom 150 and LexCom 250.

Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.

Without claws.

Protection class (Device): IP 20

2CKA001753A8056 1819 10/100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with grey base

For 2 modular jack inserts.

For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.

Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws.

Protection class (Device): IP 20

1820 2CKA001753A8057 10/100

²⁾ For further information, please refer on the Internet.



Flush-mounted assembly adapter

For the accommodation of one or two universal modules 0219.

For flush-mounted installation.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

Protection class (Device): IP 20

0219/12 2CKA000230A0395 1/10

1gang



Also suited for mounting into cover plate 2561-xxx.

2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Cat. 6A according to ISO/IEC 11801: 2011-06. Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.

Bend-radius optimised cable feed (30°).

Earthing of housing via 6,3 mm blade terminal at the back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

For 8-pole plug RJ 45 only.

Housing made from diecast zinc.

With integrated dust-protection cap (can be removed if necessary).

With insulation displacement connection For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Protection class (Device): IP 20 0219-101 2CKA000230A0413

1) With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.



Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).

Protection class (Device): IP 20

2CKA000225A0078 0210 10



Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22)

Protection class (Device): IP 20

2CKA000225A0086 10

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

Data communication

Product	Article-No.	Order-No.	Pack/Qty	
	Built-in jack For potential bala in cover plates. For devices of 19 Protection class (nstallation	
	0471-0-0037	2CKA000471A0037	10	
	Potential balancing plug Suitable for plug 2095 UC-212 and built-in jack 0471-0- 0037 acc. to German Standard DIN 42801. For potential balancing jack cover plate (connection up to 6 mm² crimped or soldered)			



Blank plate with metal mounting plate

0299-0-0032

Protection class (Device): IP 20

2CKA000299A0032

10

anthracite	1742-81	2CKA001710A3612	10
ivory white	1742-82	2CKA001710A3143	10
antique brass 1)	1742-840-500	2CKA001710A4080	10

¹⁾ Real metal surface refined by hand.



Cover plate 1) with metal mounting plate

As cover for flex outlet, for cords up to 10.3 mm diameter.

With strain relief (without terminal block).

anthracite	1749-81	2CKA001710A3614	10
ivory white	1749-82	2CKA001710A3145	10
antique brass ²)	1749-840-500	2CKA001710A4081	10

¹⁾ Cover plate can also be used individually as cover for telephone connector boxes (VDn)

²⁾ Real metal surface refined by hand.



Cover plate 1

As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK).

BTR (universal data connecting unit design and IAE design).

Telegärtner (AMJ 45, UMJ 45). With down-leading outlet.

With labelling field.

Size of labelling field: 60 x 9 mm.

anthracite	1803-81	2CKA001710A3616	10
ivory white	1803-82	2CKA001710A3147	10
antique brass 2)	1803-840-500	2CKA001710A4082	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate 1)

2gang

As cover for universal data connection boxes.
Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.
Brand-Rex (WAEGV 8/8 EKR/EK).
AMP (NETCONNECT 5E).
BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).
cti (cti-wire 2.8 Cat.6).
Telegärtner (AMJ 45, UMJ 45).
With down-leading outlet.
With labelling field.
Size of labelling field: 60 x 9 mm.

Size of labelling field: 60 x 9 mm.				
anthracite 1803-02-81 2CKA001710A3615				
ivory white	1803-02-82	2CKA001710A3146	10	
antique brass 2)	1803-02-840-500	2CKA001710A4083	1/10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Real metal surface refined by hand.



Cover plate

For telephone connection unit.
For USB, VGA, HDMI inserts and communication adapter.

For loudspeaker connection box. USB power adapter insert 6472 U. Suitable for part number 0248/0x-101. For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).

anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
antique brass 1)	1766-840-500	2CKA001710A4084	10

¹⁾ Real metal surface refined by hand.



Cover plate 1) 2)

as cover for standard Radio/TV/SAT socket outlets

With 2 connectors

Acc. to German Standard DIN 45330.

Radio/TV/SAT.

With M3 fixing screw.

anthracite	1743-81	2CKA001724A4252	10
ivory white	1743-82	2CKA001724A2758	10
antique brass 3)	1743-840-500	2CKA001724A4362	10

¹⁾ Third opening can be knocked out.

Real metal surface refined by hand.



Cover plate 1) with labelling field

For modular jack with slide entrance.

To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.

Size of labelling field: 60 x 9 mm.

anthracite	1800-81	2CKA001710A3627	10
ivory white	1800-82	2CKA001710A3158	10
antique brass 2)	1800-840-500	2CKA001710A4085	10

¹) For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Real metal surface refined by hand.

²⁾ See inserts for satellite coaxial socket outlets.

²⁾ Real metal surface refined by hand.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
			'
	Intermediate ring		



For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range.

ivory white	1747 SI-82	2CKA001710A3862	10
antique brass 1)	1747 SI-840-500	2CKA001710A4079	10

¹⁾ Plastic surface refined by hand.



Intermediate ring with hinged lid 1)

Busch-balance® SI

For attaching cover plates from the Busch-balance® SI range.

Delivery without cover plate.

With sealing ring.

With hinged lid.

Protection class (Device): IP 44

anthracite	2518-WD-81	2CKA001719A0217	10
ivory white	2518-WD-82	2CKA001719A0218	10

¹⁾ Combinable only with covers for flush-mounted inserts



Cover plate with hinged lid

For telecommunication inserts with cover plate 50 x 50 mm.

With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.

anthracite	1746-81	2CKA001710A3618	10
ivory white	1746-82	2CKA001710A3149	10
antique brass 1)	1746-840-500	2CKA001710A4086	10

¹⁾ Plastic surface refined by hand.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
All Mary		Radio ¹) ²) ³) ⁴) ⁵) dio alarm clock for flush-mou	-4
	installation.	aio aiarm ciock for flush-moul	ntea
		quency: 87.50 MHz - 108.00 MH	∃z.
	With display a With external	nd background illumination.	
	For mono/ste	•	
	8 radio station		
	With time disp	,	
	With automat	ic switch-off function (autom	atic sleep
	mode).	n input to remote controlled (ON /OFF
	switches.	n input to remote-controlled (JN/OFF
	With integrate		
		al connection for external anti	enna.
		aker impedance: 4 - 8 Ohm ed as 1gang and in multiple co	mbinations.
		: 230 V~, +10 % / -10 %	
	•	icy: 50 Hz - 60 Hz	
		ss (Device): IP 20 range (Device): 5 °C to 40 °C	
	•	L x W x D): 71 mm x 71 mm x 49	9 mm
	Mounting dep	th: 34 mm	

Product

2CKA008200A0182

1/10

¹⁾ No claw. Screw-fixing via keyholes. ²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Multimedia / communication adapters

Product Article-No. Order-No. Pack/Qty



Busch-Radio iNet 1) 2) 3) 4)

WLAN Internet radio alarm clock for flush-mounted installation.

For the reception of national and international radio stations via Internet.

Radio station search possible via various genres. With high resolution graphic display and background illumination.

With external AUX input.

Integrated web-server for configuration and control. Remote operation with smartphone via browser surface.

UPnP replay function. It is controlled via smartphone.

For mono/stereo operation. 8 radio stations storable.

With time and date display.

With alarm function.

With short-time timer.

With automatic switch-off function (automatic sleep mode).

With extension input to remote-controlled ON/OFF switches.

With integrated WLAN antenna.

WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).

WLAN safety: WPA / WPA2.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

2CKA008200A0153

1/10

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

Mounting depth: 33 mm



8216 U-500

1) No claw. Screw-fixing via keyholes

2) Matching loudspeaker insert 8223 U Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere

loudspeaker (8224 EB).

Product Article-No. Order-No. Pack/Qty



Busch-Radio BTconnect 1) 2) 3) 4)

RDS stereo radio alarm clock for flush-mounted installation.

With Bluetooth interface for music replay of mobile devices

Reception frequency: 87.50 MHz - 108.00 MHz.

With high resolution graphic display and background illumination.

With external AUX input.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm clock and snooze function.

With short-time timer.

With automatic switch-off function (automatic sleep

With extension input to remote-controlled ON/OFF switches.

With integrated antenna.

With additional connection for external antenna.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 2.1

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm

Mounting depth: 32 mm



8217 U-500

2CKA008200A0194

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).



Busch Bluetooth receiver 1) 2) 3) 4)

Bluetooth interface for music replay of mobile devices. With integrated amplifier.

With external AUX input.

For mono/stereo operation.

Can be combined with the MDRC amplifier 8208.

Admissible loudspeaker impedance: 4 - 16 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 4.0

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Display elements: LED for status display.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20 Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm



8219 U

2CKA008200A0198

1/10

⁴⁾ To be mounted only in connection with commercially available flush-mounted

installation boxes according to DIN 49073 $\,$ > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty			
	Loudspeaker inse	ert ¹)				
	5 cm (2")					
	For Busch-Digital	For Busch-DigitalRadio 8215 U/8216 U.				
	For Busch-Radio	For Busch-Radio iNet 8216 U.				
	For Busch-Radio BTconnect 8217 U.					
	For Busch Bluetooth receiver 8219 U.					
	With broadband characteristics.					
	With flat plug connector.					
	Incl. speaker connection cable.					
	Rated output: 2 W (RMS)					
	Frequency response: 200 - 20,000 Hz					
	Impedance: 4 Ohm					
	Protection class (Device): IP 20, SELV					
	Mounting depth: 32 mm					
	8223 U-500	2CKA008200A0183	1/10			

¹⁾ No claw. Screw-fixing via keyholes.



Busch-powerDock Insert 1) 2) 3) 4)

For charging and supplying mobile terminal devices. With quick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal

Rated voltage: 100 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Suitable for: Apple terminal device

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

6473 U-500 2CKA006400A0039

2) The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick chargeTM 2.0 standard.

³⁾ In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.



Busch-powerDock Charging cradle with Apple lightning connection 1)

For Busch-powerDock insert 6473 U.

For attaching mobile terminal devices with lightning connection.

For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8.

For iPhone 7 Plus, iPhone 7.

For iPhone SE.

For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.

For iPhone 5s, iPhone 5c, iPhone 5.

For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).

Suitable for use with protective covers certified by Apple.

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

6473-500 2CKA006400A0081

Not released for use with the iPad.

Product Article-No. Order-No. Pack/Qty



Busch-powerDock Charging cradle with USB-C

For Busch-powerDock insert 6473 U.
For attaching mobile terminal devices with USB-C connection.

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

6473/11-500 2CKA006400A0083 1/10



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable. With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz

Suitable for: In case one output is used:

Rated current: 1400 mA

Suitable for: In case two output are used:

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm 6472 U-500 2

2CKA006400A0002

¹) No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN

4) Use dust cover 2098 when cleaning the device.



1/10

1/10

USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable.

With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used:

Rated current: 3 A

Suitable for: In case two output are used:

Rated current: 1.500 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

Available from November 2019

6472 U-500-101 2CKA006400A0094 1

2) No data transfer.

4) Use dust cover 2098 when cleaning the device.

¹⁾ No claw. Screw-fixing via keyholes.

¹) No claw. Screw-fixing via keyholes.

 $^{^{3)}}$ For terminal devices with standardized charging interface according to DIN EN 62684.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty		
	USB charging sta	tion insert 1) 2) 3)			
		ipport of mobile devices via	USB-cable.		
		With micro USB connecting cable.			
	Connecting cable	joined captive to insert.			
The state of the s	Usable cable leng	Usable cable length (incl. micro USB plug) approx.			
	22 cm.	22 cm.			
	With electronic short-circuit protection.				
	With electronic overload protection.				
	Rated voltage: 100 - 230 V~, +10 % / -10 %				
	Secondary: 5 V-, +5 % / -5 %				
	Rated frequency: 50 Hz - 60 Hz				
	Rated current: 1400 mA				
		Protection class (Device): IP 20, SELV			
	Temperature range (Device): 5 °C to 40 °C				
	Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm				
	Mounting depth:	32 mm			
	6474 U-500	2CKA006400A0033	1/10		

 $^{^{3)}}$ For terminal devices with standardized charging interface according to DIN EN 62684.



HDMI connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.

HDMI-type A, 3D-compatible.

Fully HD ready (1920 x 1080 pixel).

For 20-wire HDMI-cables via srew-type terminals.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

Article-No.	Order-No.	Pack/Qty
VGA connection u	nit 1)	
		VGA connection unit ¹)



with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates

2539-21x and 1766-xxx.

To link analogue video data between PCs and laptops to monitors or digital projectors etc.

VGA-type: D-type, 15-pole.

Fully HD ready (1920 x 1080 pixel).

For 15-wire VGA-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and

underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.



USB connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link mobile devices like e.g. printer, scanner, USBsticks or digital cameras etc.

USB-type A, USB 2.0 compatible.

For 5-wire USB- cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and

underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

alpine white	0261/12-500	2CKA000230A0419	1	
grey	0261/13-500	2CKA000230A0420	1	
white	0261/11-500	2CKA000230A0418	1	

¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.



Communication adapter

for BNC-F Duct-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws

Protection class (Device): IP 20

white	0262/11-500	2CKA000230A0436	1
grey	0262/13-500	2CKA000230A0438	1
alpine white	0262/12-500	2CKA000230A0437	1

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	F duct-jack for communicati	on adapter	
	For connection o integrated TV-tu With screw-type For trunk system	f antenna cables e.g for TVs ner and satellite receiver. terminals. s, flush-mounted wall boxes	
	underfloor system Protection class		
metal clad	0262-500	2CKA000230A0440	1
	Communication for Cinch-iacks	adapter	



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

alpine white	0263/12-500	2CKA000230A0445	1
grey	0263/13-500	2CKA000230A0446	1
white	0263/11-500	2CKA000230A0444	1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked white: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

alpine white **0263/04-500** 2CKA000230A0451 1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked black: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

black **0263/05-500** 2CKA000230A0452



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked red: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

Red **0263/06-500** 2CKA000230A0453 1



Cinch-jacks

for communication adapter

For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or recoivers

Marked yellow: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

yellow **0263/07-500** 2CKA000230A0454 1

Product	Article-No.	Order-No.	Pack/Qty



Communication adapter

for Mini-jacks 3,5mm.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and

underfloor systems. Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0264/11-500	2CKA000230A0458	1
grey	0264/13-500	2CKA000230A0460	1
alpine white	0264/12-500	2CKA000230A0459	1



Mini-jack 3,5 mm

for communication adapter

For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag.

Protection class (Device): IP 20

chrome gloss **0264-500** 2CKA000230A0462 1



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

	white	0248/02-101	2CKA000230A0402	10/100
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 $^{1)}$ Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

alpine white **0248/04-101-500** 2CKA000230A0464 10/100



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

anthracite 0248/05-101	2CKA000230A0404	10/100
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¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
- +	For Busch-Radio	IRadio 8215 U/8216 U. iNet 8216 U. BTconnect 8217 U.	,
PANO +	For Busch-Radio	BTconnect 8217 U.	

anthracite	8252-81	2CKA008200A0050	10
ivory white	8252-82	2CKA008200A0051	10
antique brass ¹)	8252-840-500	2CKA008200A0190	10

¹⁾ Plastic surface refined by hand.



Cover plate

For loudspeaker insert 8223 U.

anthracite	8253-81	2CKA008200A0078	1/10
ivory white	8253-82	2CKA008200A0079	1/10
antique brass 1)	8253-840-500	2CKA008200A0191	1/10

¹⁾ Plastic surface refined by hand.



Cover plate

For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter.

USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).

anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
antique brass 1)	1766-840-500	2CKA001710A4084	10

¹⁾ Real metal surface refined by hand.



Cover plate

For Busch Bluetooth receiver 8219 U.

antique brass 1)	8255-840-500	2CKA008200A0221	1	
ivory white	8255-82	2CKA008200A0212	1	
anthracite	8255-81	2CKA008200A0211	1	

¹⁾ Surface painted.



Cover plate for Busch-powerDock

For Busch-powerDock charging cradle.

anthracite	6477-81	2CKA006400A0056	10
ivory white	6477-82	2CKA006400A0057	10
antique brass 1)	6477-840-500	2CKA006400A0061	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
П	With protective mobile telephon Suitable for devi	g station 6474 U. function against lateral slipp e. ices with a maximum thickne unting option of connecting o	ss of 18
anthracite	6478-81-500	2CKA006400A0013	1
ivory white	6478-82-500	2CKA006400A0015	1
antique brass 1)	6478-840-500	2CKA006400A0036	1

 $^{^{1)}}$ Plastic surface refined by hand.

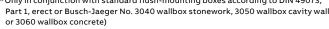
Droduct

Room thermostats

Article No

Product	Article-No.	Order-No.	Pack/Qty
6	Switch contact of reached. With fixing claws Separate terminar reduction of roor Class of tempera Contribution to s Rated voltage: 23 Rated current: 10	Il to activate nighttime mod n temperature by 4K. ture controller 1 pace heating energy efficier 0 V~ A ge (Device): 5 °C to 30 °CEN	e and ncy 1,0%.
	1094 U-500	2CKA001032A0512	1/10
Mounting boxes:	35 mm deep flush or Dual Box 3070		
2gang product combinations:	2gang combinati APBS in Dual Box	on with adapter plate only.	
		sh-mounting boxes according to	

Order No



 $^{^{2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Slide switch

With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

1/10

British Standard EN 60669-2-1

1095 U-500 2CKA001032A0514 Mounting 35 mm deep flush 1gang boxes: or Dual Box 3070-2/35 BSDB.

2gang combination with adapter plate 2gang product combinations: APBS in Dual Box only

Product	Article-No.	Order-No.	Pack/Qty
Floudet	AI LICIE-NO.	Order-No.	rack/Qty



Back /Oty

Room thermostat, flush-mounted 1) 2) 3) Sliding switch, 24 V

With built-in slide switch and control lamp for nightly reduction of 4 K. Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~ Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1			
	1096 U	2CKA001032A0485	1
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang product 2gang combination with adapter plate combinations: APBS in Dual Box only.		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) 1gang 2way

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9

	British Standard EN 60669-2-1		
	1097 U-500	2CKA001032A0513	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	•	
2gang product combinations:	5 5.		
1) Only in conjunction with standard flush-mounting boxes according to DIN 49073,			

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3)

Actual value indication

With actual value temperature display. Automatic controller calibration. Switch contact opens when the set temperature is reached. With fixing claws. Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

1094 UTA

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

2CKA001032A0487

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073,

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

 $^{^{\}rm 2)}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.

 $^{^{\}mbox{\tiny 2)}}\mbox{Servo}$ valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Room thermostats

Product Article-No. Order-No. Pack/Qty Product Article-No.



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

2CKA001032A0488 ¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

or 3060 wallbox concrete) 2) Servo-valves, "closed when de-energized", are necessary for connection to

thermostat. e.g. Article No. 6164/10-, see KNX chapter.

1095 UTA



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication, 24 V

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~

Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1096 UTA 2CKA001032A0489 1/10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Change-over contact, actual value indication

With actual value temperature display Automatic controller calibration

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 AEN 60730-2-9, British Standard EN 60669-2-1

1097 UTA

2CKA001032A0490



Room thermostat, flush-mounted 1) 2) 3)

Change-over contact, setpoint indication, timer With change-over contact.

Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week.

Order-No.

With fixing claws.

Automatic summer/wintertime switch-over

Power reserve > 10 hours. To fit cover plate 6435-xxx.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9

1098 U-101

2CKA001032A0508 1/10

Pack/Qty

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

2) Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) Remote sensor

With remote sensor and thermal feedback

For underfloor heating.

With built-in slide switch and control lamp for nightly reduction of 4 K

Switch contact opens when the set temperature is reached.

With fixing claws.

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Adjusting range: +10 to +50° C.

Connecting cable: 1mm2 to 2.5 mm2

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~

Rated current: 16 A, cos φ 1EN 60730-2-9, British Standard EN 60669-2-1

1095 UF 2CKA001032A0497

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Room thermostat, flush-mounted 1) 2) 3) 1gang 2way

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

	1097 U-500	2CKA001032A0513	1/10
Mounting boxes:	•	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.	
2gang product combinations:	2gang combinatio APBS in Dual Box o	n with adapter plate only.	

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.

Pack/Qty

Busch-dynasty®

Room thermostats

Product	Article-No.	Order-No.	Pack/Qt	
	Room thermosta	t, flush-mounted 1) 2)		
STREETS	_	tact, setpoint indication	on, timer,	
ວິລິດ°	remote sensor			
	With change-over contact.			
	Easy adjustment using menu and text-based display.			
	•	s per day can be user-d	efined for each	
	day of the week.			
	With fixing claws			
	Automatic summ	Automatic summer/wintertime switch-over		
	Remote sensor ca	able length: 4 m.		
	Sensor =NTC, 10	kilo-ohm at 25 degrees	C.	
	Power reserve > 1	.0 hours		
	To fit cover plate	To fit cover plate 6435-xxx.		
	Class of tempera	ture controller 1		
	Contribution to s	pace heating energy ef	ficiency 1,0%.	
	Rated voltage: 23	0 V~		
	Rated current: 16	Α		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,
Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall
or 3060 wallbox concrete)

Temperature range (Device): 10 °C to 50 °CEN 60730-2-9

2CKA001032A0509

 $^{^{\}mbox{\tiny 2)}}\mbox{Servo}$ valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



Cover plate for room thermostat

For room thermostats 1094 U/UF, 1097 U/UF.

anthracite	1794-81	2CKA001710A3629	10
ivory white	1794-82	2CKA001710A3543	10
antique brass 1)	1794-840-500	2CKA001710A4087	10

¹⁾ Plastic surface refined by hand.



Cover plate for room thermostat

With sliding switch for nightly room temperature

to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.

anthracite	1795-81	2CKA001710A3630	10	
ivory white	1795-82	2CKA001710A3568	10	
antique brass 1)	1795-840-500	2CKA001710A4088	10	

¹⁾ Plastic surface refined by hand.

LED light

Product

Long service life Homogeneous k Colour tempera Power consump Rated voltage: 2	ion field 43 x 43 mm. of the lighting element (LED backlighting of the informatic ture 6,500 K (cold white) tion: < 0.5 W	•
Rated frequency Protection class		
2062 U	2CKA001511A0115	1/10

Order-No.

For switching the LED flush mounted insert use switches without orientation light only.



Cover plate 1) 2)

Article-No.

As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm.

anthracite	1716-81	2CKA001731A1921	1
ivory white	1716-82	2CKA001731A1922	1
antique brass 3)	1716-840-500	2CKA001731A2025	1

¹⁾ Included with the cover are 46 different text labels and symbols.

 $^{^{\}scriptscriptstyle 3)}$ Plastic surface refined by hand.



Cover plate for indication lamp

For insert 2061/2661 U.

As cover for flush-mounted light signal. Protection class (Device): IP 20

anthracite	1756-81	2CKA001753A0089	10
ivory white	1756-82	2CKA001753A0090	10



Cap for indication lamp

For indication lamps.

Protection class (Device): IP 20

clear- transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

 $^{^{2)}} For compatible lettering software, visit www. BUSCH-JAEGER-labeling tool.com. \\$

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
		,	
	Wall-mounted transmitter WaveLINE 1) 2) 1-channel 1gang wall-mounted transmitter independent of mar power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 1 radio channel can be operated or up to 2 light scene can be called up. For flush-mounted WaveLINE actuators 6701-101, 670 6703, 6704 and 6705-101. For LED display WaveLINE 6730-xxx. Compatible with WaveLINE KNX gateway TP-RF 6770 Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR203 Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls		ght scenes -101, 6702, RF 6770. De CR2032.
	Display element Rated voltage: 3 Protection class		nission
	•	(W x D): 63 mm x 63 mm x 16	mm
ivory white	6731-82-500	2CKA006730A0032	1/10
antique brass 3)	6731-840-500	2CKA006730A0094	1

³⁾ Plastic surface refined by hand.



Wall-mounted transmitter WaveLINE 1) 2)

2gang wall-mounted transmitter independent of mains power supply.

With labelling field and labelling strip.

For switching and dimming.

For controlling blinds and light scenes.

2 radio channels can be operated or up to 4 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

For LED display WaveLINE 6730-xxx.

Compatible with WaveLINE KNX gateway TP-RF 6770.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

ivory white	6732-82-500	2CKA006730A0033	1/10
antique brass 3)	6732-840-500	2CKA006730A0095	1

¹⁾ Battery included in delivery.

Covers for ABB-Welcome

Product	Article-No. Order-No. Pack/O			
	Protection class (D	tation with display. Device): IP 30 e (Device): -5°C to 40°C		
anthracite	83260-81-500	2CKA008300A0220	1/18	
antique brass 1)	83260-840-500	2CKA008300A0365	1/10	

¹⁾ Plastic surface refined by hand.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Plastic surface refined by hand.

KNX control elements

Product	Article-No.	Order-No.	Pack/Qty
	With labelling field. Support of KNX function (Support of KNX function (Support of KNX function) Magenta=scene and assigned) or standal Push switch function sending values / sce Transparent labelling included in delivery. Incl. 10 logic channel actuator, logic gates Control element: roc Control elements: Tv communication objeorientation light. Protection class (Derivative Concepts)	ur concept 5120/12-101, 6120/13. Itions through innovative string, blue=blind, orange white=neutral/no functrical iting dilumination red/gree is switching / dimming nes etc. g sheet with standard so so (light scene actuator, it, etc.). ker switch left/right wo LED per rocker via se icct for status (Red/ Gree vice): IP 20 Device): -5 °C to 45 °C	e=RTC, tion n. / blind / ymbols sequence parate
anthracite	6125/02-81-500	2CKA006115A0216	1
vory white	6125/02-82-500	2CKA006115A0217	1
antique brass 3)	6125/02-840-500	2CKA006115A0452	1

³⁾ Plastic surface refined by hand.



Control element, 2/4gang 1) 2) multi-function/colour concept

For ABB i-bus® KNX 6120/12-101, 6120/13. With labelling field.

Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Push switch function: switching / dimming / blind / sending values / scenes etc.

Transparent labelling sheet with standard symbols included in delivery.

Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).

Control element: rocker switch left/right Display elements: Two LED per rocker via separate

communication object for status (Red/ Green/ OFF) or orientation light. Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm

	•			
anthracite	6126/02-81-500	2CKA006116A0206	1	
ivory white	6126/02-82-500	2CKA006116A0207	1	
antique brass 3)	6126/02-840-500	2CKA006116A0227	1	

¹⁾ For software and description please check the current Online-Catalogue.





Control element, 4/8gang 1) 2) multi-function/colour concept

For ABB i-bus® KNX 6120/12-101, 6120/13.

With labelling field.

Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Push switch function: switching / dimming / blind / sending values / scenes etc.

Transparent labelling sheet with standard symbols included in delivery.

Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).

Control element: rocker switch left/right

Display elements: Two LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light.

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm

	•		
anthracite	6127/02-81-500	2CKA006117A0232	1
ivory white	6127/02-82-500	2CKA006117A0233	1
antique brass 3)	6127/02-840-500	2CKA006117A0252	1

¹⁾ For software and description please check the current Online-Catalogue.

³⁾ Plastic surface refined by hand.



Busch-Watchdog 180 flush-mounted standard sensor 1)

For ABB i-bus® KNX 6120/12-101, 6120/13. Movement detector with up to 4 channels.

Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).

Detection range: frontal: 6 m, lateral: 6 m

Detection angle: 180 °

Brightness limit value: 5 Lux - 150 Lux

Mounting height: 1.1 m

Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 18 mm

Position for installation: vertical

with select-lens 2) *)

anthracite	6122/01-81-500	2CKA006132A0272	1
ivory white	6122/01-82-500	2CKA006132A0273	1
antique brass ³)	6122/01-840-500	2CKA006132A0355	1
	with integrated bus	coupler	
anthracite	6122/10-81-500	2CKA006132A0376	1
ivory white	6122/10-82-500	2CKA006132A0377	1
antique brass	6122/10-840-500	2CKA006132A0407	1

¹⁾ For software and description please check the current Online-Catalogue.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Plastic surface refined by hand.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible cover frames, see the following ranges: carat®, pure stainless steel, solo®. Busch-axcent® or future® linear.

³⁾ Plastic surface refined by hand.

^{*)}Phase-out type

KNX control elements

Product	Article-No.	Order-No.	Pack/Qty



Cover plate for room temperature controller or room temperature controller with CO2/moisture

As cover for room temperature controller with/without CO2/moisture sensor (6109/18 and 6109/28). Protection class (Device): none

anthracite	6109/03-81-500	2CKA006155A0060	10
ivory white	6109/03-82-500	2CKA006155A0061	10
antique brass 1)	6109/03-840-500	2CKA006155A0114	10

¹⁾ Plastic surface refined by hand.

Accessories

Floudet	AI LICIE-NO.	Order-No.	Pack/Qty
Product	Article-No.	Order-No.	Pack/Qty



Extension of claws 1)

For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.

Protection class (Device): IP 20

2148	2CKA002148A0120	100
Not suitable for types 2000/3 US, 200	0/6/2 US, 2000/6/6 US-101 and	double
socket outlets.		



Braille symbol

self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20

light		
2144 LI	2CKA001714A0295	10/1000
bell		
2144 KI	2CKA001714A0296	10/1000
key		
2144 TR	2CKA001714A0297	10/1000



Braille symbol socket outlet

2144 ST

self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx

2CKA001714A0298

10/1000

Protection class (Device): IP 20

	For laser printe	to be labeled Busch-Jaeger dev r. foil is printed via the Busch-Je	
translucent	1799/02	2CKA001799A0959	1
transparent	1799/03	2CKA001799A0960	1

^{1) 1} piece = 1 sheet.



RC suppressor

For protection against the damage or destruction of electronic devices due to overvoltages. For wiring network-interconnected inductivities (e.g..

relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.

Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz

6899 2CKA006899A0231 10

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 1gang frame For vertical or horiz Protection class (D		
anthracite	1721-831-500	2CKA001754A4605	10
ivory white	1721-832-500	2CKA001754A4600	10
polished brass decor anthracite ¹)	1721-833-500	2CKA001754A4575	1
polished brass anthracite ¹)	1721-835-500	2CKA001754A4565	1
polished brass decor ivory white ¹)	1721-836-500	2CKA001754A4570	1
polished brass ivory white ¹)	1721-838-500	2CKA001754A4560	1
antique brass decor anthracite ²)	1721-843-500	2CKA001754A4595	1
antique brass anthracite ²)	1721-845-500	2CKA001754A4585	1
antique brass decor ivory white ²)	1721-846-500	2CKA001754A4590	1
antique brass ivory white ²)	1721-848-500	2CKA001754A4580	1

 $^{^{2)}}$ Real metal surface refined by hand.

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Cover frame 2gang frame

For vertical or horizontal installation. Protection class (Device): IP 20

anthracite	1722-831-500	2CKA001754A4606	10
ivory white	1722-832-500	2CKA001754A4601	10
polished brass decor anthracite ¹)	1722-833-500	2CKA001754A4576	1
polished brass anthracite ¹)	1722-835-500	2CKA001754A4566	1
polished brass decor ivory white ¹)	1722-836-500	2CKA001754A4571	1
polished brass ivory white ¹)	1722-838-500	2CKA001754A4561	1
antique brass decor anthracite ²)	1722-843-500	2CKA001754A4596	1
antique brass anthracite ²)	1722-845-500	2CKA001754A4586	1
antique brass decor ivory white ²)	1722-846-500	2CKA001754A4591	1
antique brass ivory white ²)	1722-848-500	2CKA001754A4581	1

¹⁾ Real metal surface.

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 3gang frame For vertical or horiz Protection class (De		
anthracite	1723-831-500	2CKA001754A4607	5
ivory white	1723-832-500	2CKA001754A4602	5
polished brass decor anthracite ¹)	1723-833-500	2CKA001754A4577	1
polished brass anthracite ¹)	1723-835-500	2CKA001754A4567	1
polished brass decor ivory white ¹)	1723-836-500	2CKA001754A4572	1
polished brass ivory white ¹)	1723-838-500	2CKA001754A4562	1
antique brass decor anthracite ²)	1723-843-500	2CKA001754A4597	1
antique brass anthracite ²)	1723-845-500	2CKA001754A4587	1
antique brass decor ivory white ²)	1723-846-500	2CKA001754A4592	1
antique brass ivory white ²)	1723-848-500	2CKA001754A4582	1

¹⁾ Real metal surface.

 $^{^{2)}}$ Real metal surface refined by hand.



Cover frame 4gang frame

For vertical or horizontal installation. Protection class (Device): IP 20

anthracite	1724-831-500	2CKA001754A4608	1
ivory white	1724-832-500	2CKA001754A4603	1
polished brass decor anthracite 1)	1724-833-500	2CKA001754A4578	1
polished brass anthracite 1)	1724-835-500	2CKA001754A4568	1
polished brass decor ivory white ¹)	1724-836-500	2CKA001754A4573	1
polished brass ivory white ¹)	1724-838-500	2CKA001754A4563	1
antique brass decor anthracite ²)	1724-843-500	2CKA001754A4598	1
antique brass anthracite ²)	1724-845-500	2CKA001754A4588	1
antique brass decor ivory white ²)	1724-846-500	2CKA001754A4593	1
antique brass ivory white ²)	1724-848-500	2CKA001754A4583	1

¹⁾ Real metal surface.

²⁾ Real metal surface refined by hand.

²⁾ Real metal surface refined by hand.

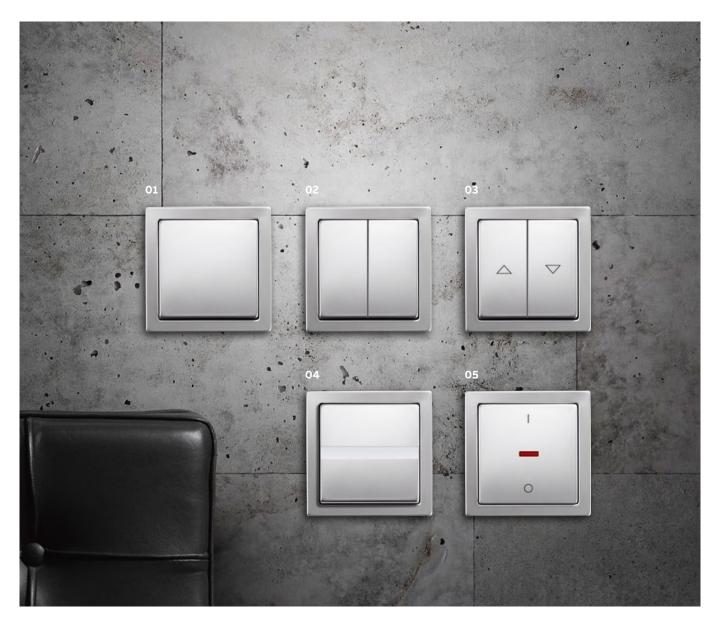
Cover frames

Product	Article-No.	Order-No.	Pack/Qty
		,	
	Cover frame 5gang frame For vertical or horiz Protection class (D		
anthracite	1725-831-500	2CKA001754A4609	1
ivory white	1725-832-500	2CKA001754A4604	1
polished brass decor anthracite 1)	1725-833-500	2CKA001754A4579	1
polished brass anthracite ¹)	1725-835-500	2CKA001754A4569	1
polished brass decor ivory white ¹)	1725-836-500	2CKA001754A4574	1
polished brass ivory white 1)	1725-838-500	2CKA001754A4564	1
antique brass decor anthracite ²)	1725-843-500	2CKA001754A4599	1
antique brass anthracite ²)	1725-845-500	2CKA001754A4589	1
antique brass decor ivory white ²)	1725-846-500	2CKA001754A4594	1
antique brass ivory white ²)	1725-848-500	2CKA001754A4584	1

¹⁾ Real metal surface. ²⁾ Real metal surface refined by hand.

Lasts a lifetime.

Fascinatingly bold straight lines in a time proof material. It is pure stainless steel. Fingerprints? It is impossible, thanks to the unique finishing. An accord of aesthetics, functions and durability. Absolute quality. Pure stainless steel is simply permanent.



- 01 Switch/push-switch
- 02 2gang-1way/2way switch
- 03 Busch-Blind control switch
- 04 Busch-Comfort switch
- 05 20A double pole switch with marking and indicator

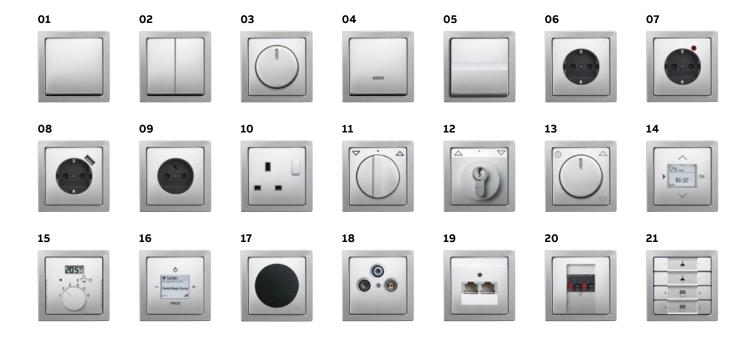
Colour: stainless steel

Materials

The series is surface-coated in a special manufacturing process. This means that fingerprints or other greasy spots are reduced to a minimum (anti-fingerprint).

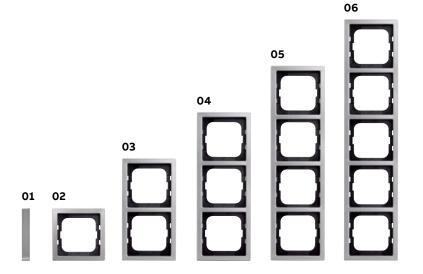


Selected functions.



- 01 Rocker switch 1gang
- 02 Rocker switch 2gang
- 03 Busch Universal Rotary Dimmer
- 04 Touch dimmer
- 05 Busch-Comfort switch
- 06 Busch-steplight®
- 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection
- 08 SCHUKO® USB socket outlet
- 09 Socket outlet with earthing pin
- 10 Switched socket outlet BS standard
- 11 Blind switch with rotary knob

- 12 Busch-Blind control switch with semi-cylindrical lock
- 13 Busch-Blind comfort switch
- 14 Comfort timer
- 15 Room thermostat with display
- 16 Busch-AudioWorld® Busch-Radio iNet
- 17 Loudspeaker insert
- 18 Antenna socket for radio/TV/satellite
- 19 Universal data connection box
- 20 Stereo loudspeaker connecting box
- 21 KNX sensor, for more KNX products see part 12 of the catalogue Intelligent Building Solutions



1 to 5gang cover frame for horizontal and vertical installation.

- 01 Side view, 11 mm x 80 mm
- 02 80 mm x 80 mm
- 03 80 mm x 151 mm
- 04 80 mm x 222 mm
- 05 80 mm x 293 mm
- 06 80 mm x 364 mm



For more information about light switch ranges visit ABB global web sites.

Rocker switches / push switches

Product Article-No. Order-No. Pack/Qtv
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Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2000/6 US-500	2CKA001012A2198	10/100
2gang 1way		
2000/5 US-500	2CKA001012A1150	10/100
DP, 1gang 2way ²)		
2000/6/2 US	2CKA001012A0954	10
1gang		
2000/7 US-500	2CKA001012A2199	10/100
DP, 1gang 1way		
2000/2 US-500	2CKA001012A2196	10/100
SP, 1gang 1way swi	tch	
2000/1 US-500	2CKA001012A2059	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2400/6 US-500	2CKA001012A2232	10/100
2gang 1way		
2400/5 US-500	2CKA001012A2234	10
1gang		
2400/7 US-500	2CKA001012A2236	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20IEC 60669-1

2000/6/6US-101-500 2CKA001011A0928





Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6/6US-101-500 2CKA001022A0663

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2)

DP, 1gang 1way

For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/2 US-101-500 2CKA001012A2193 10/100

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Also for switching SCHUKO® socket outlets.



Rocker Switch Mechanism 1) 2)

3-pole, 1gang 1way switch

Rated voltage: 400 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/3 US	2CKA001011A0816	10
2000/303	LCINAGGIGITAGGIG	10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism, control 1)

2gang 1way

with LED, Rated voltage: 250 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/5 USK-500 2CKA001012A2238

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1)

With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20

IEC 60669-1

1gang 2way ²)			
2000/6 USGL-500	2CKA001012A2194	10/100	
2gang 1way			
2000/5 USGI	2CKA001012A1135	10	

 $^{^{\}mbox{\tiny 1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mech With neon lamp. Rated voltage: 250 V Rated current: 10 AX Protection class (De IEC 60669-1		
	1gang 2way with N-	terminal	
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal

With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6 USK-500 2CKA001022A0661 10

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-500	2CKA001413A0574	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With 2 independent signalling contacts.

Rated voltage: 250 V~

Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 US-201	2CKA001413A0483	10	
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Push-switch mechanism 1) 2) 3)

SP, with normally open contact (operating current)

With illumination.

With N terminal.

Rated voltage: 250 V~, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 USGL-500 2CKA001413A1106





Push-switch mechanism 1)

With one input terminal and 2 actuating covers.

Rated voltage: 250 V~

Inputs: 1

Outputs: 2x Normally open contact

Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-205-500 2CKA001413A1105 10/100

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP. 1gang 2way

Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current). With N terminal.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-206-500 2CKA001413A1104 10/100

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker

For flush-mounted switch 1g1w, 1g2w, intermediate,

push switch.

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

1786-866-500 stainless steel 2CKA001751A3077 10/100



Rocker

For flush-mounted switch 2g 1w, 2g push switch.

Material stainless steel. Anti fingerprint.

Protection class (Device): IP 20

1785-866-500 2CKA001751A3087 10/100 stainless steel



Rocker

As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20

2CKA001751A3132 stainless steel 1785 K-866 10



Rocker

with small transparent lens

As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

1789 N-866 2CKA001751A3152 stainless steel 10/100

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ With 1 mA neon lamp.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

³⁾ For relay and touch dimmer applications.

Rocker switches / push switches

1789 LI-866

stainless steel

2CKA001751A2958

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
		,					
-		h-mounted 1gang 1way, 1 diate switch, push-buttor /ay. ss steel.		stainless steel	Switch rocker wi with small trans! With bell symbol. For flush-mounte Material stainless Anti fingerprint. Protection class (parent lens ed push switch. s steel.	10
stainless steel	1789-866	2CKA001751A29	57 10/100	<u> </u>		2011100110111200	
-	with neon lens a As cover for flus	parent lens . h-mounted switch 1g1w I nd marking "I O" h-mounted 1gang 1way, 1 diate switch, push-buttor /ay.	gang 2way	stainless steel	Switch rocker wi with small transp With key symbol. For flush-mounte Material stainless Anti fingerprint. Protection class of 1789 TR-866	parent lens ed push switch. s steel.) 10
stainless steel	1789 ST-866	2CKA001751A316	62 10/100		Switch rocker wi	-	
×	Switch rocker w light With symbol. For flush-mount push switch. Material stainles Anti fingerprint.	ed switch 1g1w, 1g2w, int	termediate,	stainless steel		and "I". le or 3-pole flush-mounted e control on-off switch. s steel.	
	Protection class	(Device): IP 20					
stainless steel	Switch rocker w key With key symbol For flush-mount	ed push switch.	91 10/100		labelling field. Fo intermediate, pu	or uniform illumination of 1 or flush-mounted switch 1g sh switch. field: 59.7 x 11.7 mm. Surfac	1w, 1g2w,
-0	Material stainles Anti fingerprint.			stainless steel	1764 NLI-866	2CKA001731A1953	10
stainless steel	Protection class 2520 TR-866		00 10/100			sit www.BUSCH-JAEGER-label incandescent lamp 8344-1 and	
Ф	Switch rocker w bell With bell symbo For flush-mount Material stainles Anti fingerprint. Protection class	l. ed push switch. ss steel.		stainless steel	illumination of th For flush-mounte	. With pilot lamp for uniforn ne labelling field. ed push switch. field: 59.7 x 11.7 mm. Surfac (Device): IP 20	e painted.
stainless steel	2520 KI-866	2CKA001751A318	81 10/100			sit www.BUSCH-JAEGER-label	
						incandescent lamp 8344-1 and	
-		parent lens h-mounted 1gang 1way, 1 diate switch, push-buttor vay. ss steel.		Heizung	switch, intermed switch 1gang 2wa As cover for 2-po	oherical cap eizung". n-mounted 1gang 1way, 1ga liate switch, push-button a	and control



Pack/Qty

-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20

stainless steel 1789 H-866 2CKA001751A2963 10

1/10

pure stainless steel

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
DO NOT DISTURB	Switch rocker wi For flush-mounte push switch. DO NOT DISTURE Material stainless Anti fingerprint. Protection class (d switch 1g1w, 1g2w, intern	nediate,
stainless steel	1786/11-866	2CKA001751A3002	10



Switch rocker with marking

For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel 1785/11-866 2CKA001751A2996



Bell push-switch DND/MUR

with marking "Do not Disturb" and "Make up Room"

two seperate LED indicators with screw-type terminal Rated voltage: 250 V~

Rated current: 10 ABS EN 60669-1, IEC 60669-1

stainless steel 2029 UC-866 2CKA001751A3171



Cover plate

For card switch. For insert 2025 U. Suitable for cards sized 54 x 86 mm.

The inner part of the cover plate is made of lightconducting plastic, so that the card slot is illuminated. Material stainless steel. Anti fingerprint.

Protection class (Device): IP 20

1792-866 2CKA001710A3757 stainless steel



Card switch 10 A 1)

SP, with normally open contact (operating current)

Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

2025 U 2CKA001012A1713 Mounting 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. boxes:

2gang product 2gang combination with adapter plate combinations: APBS in Dual Box only.

Adapter plate APBS to be ordered separate. delivery form:

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Pull switch 1)

SP, with normally open contact (operating current)

With 2-metre pull cord, red handle, and red neon

indicator.

Rated voltage: 250 V~ Rated current: 10 A

2020/01 US

2CKA001413A1077





Pull switch 1) SP. break contact

With 2-metre pull cord, red handle, and red neon

indicator.

Rated voltage: 250 V~ Rated current: 10 A

2020/10 US 2CKA001413A1076 Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



open for red pull switch neon indicator

For pull switch 2020/xx US. Material stainless steel Anti fingerprint. Protection class (Device): IP 20

1720-866 2CKA001731A1954 10 stainless steel



Three-step rotary switch 1) 2) SP, with zero position

With zero position. Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

2CKA001101A0918 2710 U

1) Install only in conjunction with wall boxes ø 60 mm.

2) Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



Three-step rotary switch 1) 2) SP, without zero position

Without zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2710/1 U 2CKA001101A0919 1/10

1) Install only in conjunction with wall boxes ø 60 mm.

2) Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



Cover plate

with rotary control, with marking

As cover for flush mounted three-step rotary switch.

With zero position. For insert 2710 U. Material stainless steel. Anti fingerprint.

Protection class (Device): IP 20

stainless steel 2542 DR/01-866 2CKA001710A3758 10



Cover plate

with rotary control, with marking

As cover for flush mounted three-step rotary switch. Without zero position. For insert 2710/1 U.

Material stainless steel. Anti fingerprint.

Protection class (Device): IP 20

2542 DR/02-866 2CKA001710A3759 stainless steel

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
©	Cover plate 1) for pull switch 26 With screw-type Surface painted. Protection class		
stainless steel	1796-866	2CKA001753A0312	10

¹⁾ Exchanging the available cover/cover plate.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8x: Smart light switch for wireless remote control of Phi Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individu light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and th latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch- dynasty®, pure stainless steel, solo®, Busch-axcent® of future® linear. Can be freely mounted in the room using the enclose adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls on switch boxes. Including mounting components: Double-sided tape decorative sticker.		mps. x. 2 individual s to "Energy technology. hape) and the at®, Busch- ch-axcent® and the enclosed hooth walls or
	6716 U-500	2CKA006710A00	14 1
	Can be combined	ue smart switch insert 6 d with switch ranges car tainless steel, solo®, Bus	at®, Busch-
stainless steel	6736 FoH-866	2CKA006730A01	39 1

¹⁾ Surface painted.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) Flush-mounted, LED, 2-100 W With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operator of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads). Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1 6523 U-102-500 2CKA006512A0335





Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) UP, LED, 2-400 W

Very small installation depth: < 20 mm Without claws.

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum/maximum brightness.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10%

Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control)

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 UR-103-500 2CKA006512A0345

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{7)}}$ Recommendation: Please use loads and types of one producer.

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account. 3) In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty



Product

Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RL, 20-500 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

Article-No.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

Order-No.

Pack/Qty

1/10

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

2CKA006512A0302

 $^{2)}$ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾Provided with terminal for net disconnection devices.

⁴⁾Also applicable for 1gang 2way installations.

⁵⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) 6)

UP, RL, 200-700 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional

transformer.

Short-circuit-proof, overload-protected.

With adjustable minimum brightness.

Without cover plate.

Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6520 U-500 2CKA006520A0227

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- $^{\mbox{\tiny 2)}}$ In the case of conventional transformers, take ~20% transformer loss into account.
- ³⁾ Provided with terminal for net disconnection devices.
- ⁴⁾ Also applicable for 1gang 2way installations.
- ⁵⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 6) Should be mounted in a seperate wallbox.



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

Touch dimmer.

2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.

Mix operaton of LEDi with conventional loads possible. With adjustable minimum brightness.

The minimum brightness for the leading edge control can be adjusted using the potentiometer.

The potentiometer at the left limit stop corresponds with the trailing edge control mode.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads).

Rated voltage: 230 V \sim , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323 1/10

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- $^{2)}$ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Recommendation: Please use loads and types of one producer.
- 6) In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R, 60-600 W

With rotary control, 2way On-Off switching and soft-catch. Leading Edge control.

For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1, British Standard EN 60669-2-1



2250 U-500

2CKA006515A0848

1/10

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾Provided with terminal for net disconnection devices.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-2gang switch/rotary dimmer 1) 2) 3) flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 _____ 6517 U-101-500 2CKA006517A0018

 $^{1)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

3) Can be used to replace a 2gang 1way switch.



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

With rotary control, soft-catch and with trailing edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 40 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6513 U-102-500

2CKA006513A0586 1/10

- 1) Not suitable with conventional transformers.
- 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices.
- 5) Also applicable for 1gang 2way installations.

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

DP switched

With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate. DP cut off (P,N)

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6514 U-500

2CKA006514A0115

1) Not suitable with conventional transformers.

- 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices
- 5) Also applicable for 1gang 2way installations.
- $^{\rm 6)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RLC, 60-420 W

with soft-catch

With intelligence for universal operation.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

Capacity expansion via output-side, parallel connectable

load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6591 U-101-500

2CKA006513A0588 1/10

- 1) Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.
- 2) In case of electronic transformers, 5 % transformer losses
- ³⁾ In the case of conventional transformers, take ~20% transformer loss into account. 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073,
- Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Cannot be combined with a 2way switch.



Busch-rotary dimmer, extension 1) 2) flush mounted

for connection to 6591 U-101.

To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions

can be connected to a 6591U-101. Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz



6592 U-500

2CKA006513A0590

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

¹⁾ Control elements 2115-xxx and 6540-xxx. 2) Required for illuminating the N-connection control element.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
Product	Busch-rotary dimm flush mounted, 1-10 With rotary control. For controlling balls control output 1-10 For LED control via Without cover plate Rated voltage: 230 Rated frequency: 50 Rated power: 700 W	uer ¹) ²) ³) ⁴) DV ast units for fluorescent la V DC, control current max control gears . V~, +10 % / -10 % D Hz - 60 Hz	mps with . 50 mA DC.
	2112 U-101-500	2CKA006599A2873	1/10
¹) Non-illuminable	2112 0-101-300	2CKA000599A2673	1/10

⁴⁾ Making-current limiters have to be provided in case of too high making currents.



Busch-rotary dimmer 1)

Flush-mounted, DALI, tunable white

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation.

For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K -

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116 U

2CKA006599A3025

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1)

Flush-mounted, DALI, with internal power supply, tunable white

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K -6.500 K.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as

additional operation point. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116/11 U

2CKA006599A3026

²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) flush mounted, DALI For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-With rotary control and ON/OFF push operation. Fool proved. Brightness power-on level and backround brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA. Not suitable for combining with other DALI sensors or central units of other manufacturers. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Without cover plate. Protection class (Device): IP 20

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Temperature range (Device): 0 °C to 35 °C



Busch-rotary dimmer 1)

flush mounted, DALI, with internal power supply

2CKA006599A2987

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA

Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.

Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: $300 \text{ m} (1.5 - 2.5 \text{ mm}^2)$.

Without cover plate.

Rated voltage: $230 \text{ V} \sim$, +10 % / -10 %Rated frequency: 50 Hz - 60 HzProtection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2117/11 U-500

2CKA006599A2988

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) Product Article-No. Order-No. Pack/Qty



Busch-touch dimmer 1) 2) flush mounted, RL, 25-500 W

With light-level memory and leading edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer

Compatible with control covers 6543-xxx-10x.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Parallel operation of several transformers and/or incandescents lamps possible.

Without control cover.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6560 U-101-500

2CKA006560A1207 1/

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.
²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,
Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



or 3060 wallbox concrete)

Busch touch-dimmer range 1) 2) 3) 4) flush mounted, RC, 45-315 W

For switching and dimming 2 independent devices. With trailing edge control.

2gang 1way

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Compatible with control covers 6545-xxx.

Without cover, without cover plate.

Outputs: 2 independent dimmer channels.

Rated power: 40-315 W/VA per channel.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British Standard EN 60669-2-1

Standard EN 60669-2



6565 U-500

2CKA006565A0057

1/10

1) Not suitable with conventional transformers.

³⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

4) Does not provide an extension input.

²⁾ In case of electronic transformers, 5 % transformer losses.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-touch dimmer 1) 2) 3) 4) flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.

2) In case of electronic transformers, 5 % transformer losses.

RLC O D

6593 U-500

3) In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

 $^{4)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-Dimmer®, capacity booster 1) flush mounted, RLC, 200-315 W

The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101

2CKA006590A0171

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 315 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6594 U-500 2CKA006590A0172





Busch-touch dimmer 1) 2) 3) flush mounted, 1-10V

3 wire connection (neutral conductor required).

For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101

und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

For LED control via control gears

Without control cover.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

6550 U-101-500 2CKA006550A0042

1) Non-illuminable.

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

3) with integrated making-current limiter



Cover plate 1)

with rotary knob, with indication lamp

Elevated knob.

With transparent luminous ring.

For Busch-Dimmer®.

For inserts

2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/ 6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U. Material stainless steel. Anti fingerprint.

2CKA006599A2959 6540-866-102

stainless steel 10/100

1) Replacement neon lamp, Art. No. 3855.



Control element 1) 2) 3)

with neon lamp

Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U. Surface painted.

stainless steel 6543-866-101 2CKA006599A2926 1/10

- 1) Compatible with previous type 6543-xxx.
- 2) Touch-type Controller 6550 U-xxx non-illuminable.
- B) Replacement neon lamp 3857.



Control element 1) with neon lamp

Combinable with Busch-Memory 2gang dimmer 6565 U. Material stainless steel. Anti fingerprint.

stainless steel 6545-866 2CKA006599A2927 1/10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Replacement neon lamp 3857.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
FFFFFFFFF	Cover plate 1)		
	for cooling elem	nent	
	For Busch-Unive	ersal master dimmer power m	odule
	6594 U.		
	For room tempe	rature controller object range	e 6108/0x
	and base for bli	nd cover 6930/01.	
	Surface painted		
stainless steel	6541-866	2CKA006599A2924	10

¹⁾ Surface painted.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
Transit Barrari Sarah Sa	For Busch-Watchde Standard 6810-21x flush-mounted ser 6800-xxx-104M. For for All Weather 44 Presence tech 6815 For comfort timer For Busch-Remote For control cover w Combinable with E 6805 U. Operation buttons (2020 US, Rated voltage: 230 Rated frequency: 5 Outputs: 1x Norma Suitable for: 230 V lamps, fluorescent	(neutral conductor required go 180 flush-mounted Sensi-101. For Busch-Watchdog 180 FD for Busch-Watchdog 180 FD 6800-3x-102C. For Busch-Watchdog 180 FD 6800-3x-101 und 6813/11-xxx. control element 6455-101-10 control IR control cover 60 fith control lamp 6543-xxx-101 und 6813/11-xxx. control IR control cover 60 fith control lamp 6543-xxx-101 und 6543-xx-101	sor 180 04 and sensor /atchdog 500. 67-xxx-10x. 10x. insert onal push
		e (Device): -25 °C to 55 °C60	0669-2-1
	6401 U-102-500	2CKA006401A0049	1/10



Busch-Universal 2gang 1way insert

3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs.

For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).

For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

	☼₃□□≥□□≥□□□□		
	6402 U-500	2CKA006401A0051	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9	
2gang product combinations:	2gang combination w APBS in Dual Box only.		
neon indicator:	neon lamp 3855, one r control cover plates 6	neon lamp is supplied to 540-2x.	gether with

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	3 wire connection For Busch-Watch Standard 6810-2: For Busch-Watch Comfort II 6800- For Busch-Watch 6813/11-xxx. Rated voltage: 23 Rated frequency: Outputs: 1x Norm Suitable for: 230 lamps, fluorescei	dog 180 flush-mounted xxx-104 and 6800-xxx-1 dog Presence tech 6813 60 V, +10 % / -10 % 50 Hz hally open contact, poto V incandescent lamps, ht lamps and low-voltage perated via transforme	Sensor I sensor 04M. 3-xxx-101 und ential-bound 230 V halogen ge halogen
	Temperature ran Standard EN 606	ge (Device): 0 °C to 55 ° 69-2-1	CBritish



Busch-Watchdog MOS-Fet Insert 1) 2) 3) 4) 5) 6)

2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

2CKA006800A2160

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

6812 U-101-500

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

₽₽₽₽

6804 U-101-500 2CKA006800A2219

1) In case of electronic transformers, 5 % transformer losses.





Busch-Watchdog extension insert 1)

3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and

For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Control/Signal outputs: 1, electronic output, potential-

bound

Temperature range (Device): 0 °C to 35 °C

	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1g or Dual Box 3070-2/3	•	
Cover frames:	1gang frame 1721 BS- or Dual Box frame 172		

2gang product 2gang combination with adapter plate combinations: APBS in Dual Box only.

¹⁾ Not combinable with relay switch insert 6812 U-101.



Busch-Watchdog 180 flush-mounted comfort sensor II 1) 2)

with select-lens

For automatic switching of devices dependent on motion and brightness.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U.

With integrated selector switch for ON-AUTOMATIC-OFF

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 18 sectors with 72 switching

segments.

Switch-off delay: 10 sec to 30 min or short-time pulse

1 sec adjustable.

Detection range: frontal: 12 m, lateral: 8 m

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

stainless steel	6800-866-104	2CKA006800A2343	1	

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.

⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relais.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

²⁾ Surface painted.

Movement detectors / comfort switches

Busch-Watchdog 180 flush-mounted comfort sensor II ¹) ²) ³) with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 °	Product	Article-No.	Order-No.	Pack/Qty			
with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6894 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		Busch-Watchdog	180 flush-mounted co	mfort sensor			
with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		_	100 Hushi-Mounteu co	illiore selisor			
motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m	6						
motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m	The same of the	For automatic sw	itching of devices depe	endent on			
For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m							
For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		For down-to-grou	ınd detection.				
For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		For relay inserts 6	6401 U-102, 6402 U and	6812 U-101.			
For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		For MOS-Fet inse	rt 6804 U-101.				
With integrated selector switch for ON-AUTOMATIC-OF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		For Dimmer inser	For Dimmer insert 6593 U.				
(lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m			For extension insert 6805 U.				
Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m			With integrated selector switch for ON-AUTOMATIC-OFF				
of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		,					
down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		•		•			
Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		•	•	is dimmed			
segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m							
Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m			ity: 28 sectors with 112	switching			
1 sec adjustable. Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		9	10 +- 20				
Surface painted. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		•	10 sec to 30 min or sno	rt-time puise			
Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		,					
height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m		•	frontal: 15 m lateral: 5 i	m Mounting			
Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m			irontal. 15 m, lateral. 5	in, Mounting			
height: 1.2 m		9	ofrontal: 10 m. lateral:	2.5 m. Mounting			
3				,			
3 · · · ·		3	180 °				
Brightness limit value: 5 Lux Up to daytime operation		_		ne operation			
Mounting height: 0.8 m - 1.2 m alternative: 2.5 m		•		•			
Protection class (Sensor): IP 20		Protection class (Sensor): IP 20				
Temperature range (Device): 0 °C to 35 °C		Temperature rang	ge (Device): 0 °C to 35 °	С			

i) installation: slide switch top.

6800-866-104M

stainless steel



Cover plate 1)

For proximity switch 6406 U. Surface painted.

stainless steel

6476-866

2CKA006470A0009

2CKA006800A2344

1) Surface painted.

Product Article-No. Order-No. Pack/Qty



Busch-Universal relay switch insert

3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. Operation in 1gang 2way installations via push switch-unit for combination with flushmounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

6440/01 U-500

2CKA006400A0085



Universal e-contact insert 1)

2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert

6440/05 U-500.

Operation in 1gang 2way installations via push switch-

unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated power: 20 - 180 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1



6440/04 U-500

2CKA006400A0088

²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

Product

pure stainless steel

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	For the extension Presence detector For communicati 6440/01 U-500. For communicati 6440/04 U-500. For Busch-Comfo 6815101-500. For Busch-Preser Rated voltage: 23 Rated frequency: Control/Signal or bound Temperature range	in (neutral conductor red) of Busch-Comfort swi or installations. on with Universal relay on with Universal-e-con ort switch control elements are detector sensor 681 0 V~, +10 % / -10 % 50 Hz - 60 Hz utputs: 1, electronic out ge (Device): -5 °C to 45 W x D): 71 mm x 71 mm	insert intact insert ent 13102-500. tput, potential-

Busch-Comfort switch control element 1) 2) with neon lamp

6440/05 U-500

Movement detector/push-button switch combination. Push switch function possible at all times.

2CKA006400A0091

For switching lighting systems that depend on brightness and movement.

Extension of the detection range by means of master/ slave combination.

Additional activation/deactivation possibility through pushbutton input.

Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiatuomatic, manual switch-on, automatic (time and motion-controlled) switch-off.

Adjustable operating mode: automatic switch-on, manual switch-off.

With continuous light/continuous off function.

Adjustment elements on the rear.

Surveillance density: 9 sectors with 28 switching

Switch-off delay: 1 to 10 min., adjustable.

For Busch-Universal relay switch insert 6440/01 U-500.

For Universal-e-contact insert 6440/04 U-500.

For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness

switching threshold and switch-off delay.

Display elements: LED for status display.

Detection range: frontal: 5 m, lateral: 3 m, Mounting

height: 1.1 m

Detection angle: 170 $^{\circ}$

Brightness limit value: 0.5 Lux - 500 Lux, Daytime

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm

DIN EN 60669-2-1

2CKA006800A2843 stainless steel 6815-866-101-500

1) Please order the respective flush-mounted insert separately. $^{2)}$ The range specifications refer to an ambient temperature of 21 °C.

3) Surface painted.

Blind control / timers

Article-No.

	·	
breaking circuit, 1 For profile semi-cy In switched-on and pulled out in the co Delivered without Rated voltage: 250 Rated current: 10 A Protection class (D	-pole Ilindrical lock. Id switched-off status the keentral position, respectively cylindrical lock. I V~ XX Device): IP 20IEC60669-1, Br	<i>i.</i>
2733 USL-101	2CKA001101A0914	10
•		
5 5		
not applicable		
Adapter plate ADR	S to be ordered separate.	
	breaking circuit, 1 For profile semi-cy In switched-on and pulled out in the co Delivered without Rated voltage: 250 Rated current: 10 A Protection class (E Standard EN 6066 2733 USL-101 35 mm deep flush or Dual Box 3070-2 2gang combinatio APBS in Dual Box co not applicable	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. 2gang combination with adapter plate APBS in Dual Box only. not applicable

Order-No.

Pack/Qty

³⁾See profile semi-cylindrical lock.



Blind switch insert 1) 2)

With interlock.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

SP, SWITCH		
2000/4 US-500	2CKA001012A2197	10/100
SP, push switch.		
2020/4 US-500	2CKA001413A1103	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.



Blind switch insert 1) 2)

With rotary knob/switch and push switch.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1, British Standard EN 60669-1

	DP ³)			
	2712 U	2CKA001101A0534	10	
	SP, N, E			
	2713 U	2CKA001101A0542	10	
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	•		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.			
neon indicator:	not applicable			
delivery form:	Adapter plate APBS to	be ordered separate.		

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

^{(6599-0-2813), (}Depth of box 60 mm.)

²⁾ Use the cylindrical lock according to the enclosed drawing.

²⁾ Blind switches/push switches prevents fast change over between operating directions

³⁾ Also suitable for controlling direct voltage drives.

Blind control / timers

Article-No.	Order-No.	Pack/Qty
	• •	,
	Blind switch inse	Article-No. Order-No. Blind switch insert ¹) ²) With rotary knoh/push button



Rated voltage: 250 V~

Rated current: 10 A

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP ³)			
2722 U	2CKA001101A0559	10	
SP, N, E			
2723 U	2CKA001101A0567	10	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Also suitable for controlling direct voltage drives.



Blind switch/push-switch 1) 2) 3) 4)

For profile semi-cylindrical lock/switch and push-switch.

Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP ⁵)			
2712 USL-101	2CKA001101A0872	10	
SP, N, E			
2713 USL-101	2CKA001101A0880	10	

¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

⁵⁾ Also suitable for controlling direct voltage drives.



Blind switch insert 1) 2) 3) 4)

For profile semi-cylindrical lock/push-button. Delivered without cylindrical lock.

Rated voltage: 250 V~

Rated current: 10 A

Protection class (Device): IP 20

British Standard EN 60669-1, IEC60669-1

DP 5)				
2722	USL-101	2CKA001101A0898	10	
SP, N	, E			
2723	USL-101	2CKA001101A0906	10	

¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

Product	Article-No.	Order-No.	Pack/Qty



DIN profile-semi cylindrical lock

Acc. to German Standard DIN 18252.

Total length 40 mm

for blind switches and push switches For inserts 2712/2713/2722/2723/2733 USL-101 and

2712/2733 SLW-5x.

Protection class (Device): IP 20

different lock mechanism, with 3 keys				
0520 PZ-VS	2CKA000470A0013	1/100		
lock mechanism,	with 3 keys			
0521 P7-GS	2CK A000470A0021	1/100		



Comfort blind insert 1) 2) 3)

with memory and positioning function

For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm.

Suitable for roller blind drives with mechanical or electronic limit switch shut-off.

Suitable for operation without neutral conductor.

Without an extension input.

Power reserve of 45 minutes (maintenance-free as

641911

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz

Outputs: 2x Normally open contact

Rated current: 1.3 A, cos φ 0.5 Rated power: 300 VA

Temperature range (Device): 0 °C to 35 °C

0413 0	ECRA000+10A0330	1/10	
¹) Pertinent cover plates 6436-xx			

³⁾ Only suitable for single unit control.



Basic blind insert 1) 2)

2-wire blind insert

Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.

2CK 400641040390

1/10

Suitable for operation without neutral conductor.

Without an extension input. For control cover 6430-xx-xxx.

For standard timer control element 6456-101.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact

Rated current: 3 A, cos φ 0.5 Rated power: 690 VA

Temperature range (Device): 0 °C to 35 °C

	6418 U-500	2CKA006410A0376	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9	
• • •	2gang combination w APBS in Dual Box only.		

¹⁾ N-conductor connection required for operation with control cover 6430-7x,

²⁾ Blind switches/push switches prevents fast change over between operating

²⁾ Blind switches/push switches prevents fast change over between operating

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

²⁾ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

 $^{^{\}mbox{\tiny 2)}}\mbox{N-conductor}$ connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty		
		,			
	Busch-Blind cont	rol II switch insert 1)			
1	Suitable for blind	, roller blind and awning	g drives with		
	mechanical or ele	ctronic limit switch shu	ut-off.		
	With two 230 V m group control.	ulti-way input terminal	s (Up/Down) for		
	With operating m	With operating mode switch for the following modes:			
	normal, louvre, ba	normal, louvre, base station, position.			
	With party functi	With party function (disables the local control unit) in			
	combination with	combination with Busch-Blind control II control cover			
	6430-xx-xxx, 6066-xx-xxx.				
	Wind alarm, clear	Wind alarm, cleaning functions can be accommodated			
	via extension inp	ut.			
	For control cover	For control cover 6430-xx-xxx.			
	For IR control ele	For IR control element 6066-xx-xxx.			
	For comfort time	For comfort timer control element 6455-101-500.			
	Running time: 3 n	nin			
	Rated voltage: 23	0 V~, +10 % / -10 %			
	Rated frequency:	Rated frequency: 50 Hz			
	Outputs: 2x Norn	Outputs: 2x Normally open contact			
	Rated current: 3 A	Rated current: 3 A, cos φ 0.5			
	Rated power: 690) VA			
	Control/Signal or	ıtputs: 2			
	Temperature rand	Temperature range (Device): 0 °C to 35 °C			

¹) Compatible with types 6411 U/x.



Brightness sensor

6411 U-500-101

For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.

6414-101	2CKA006410A0389	1/10



Sun sensor

For insert 6411U/S-101. Measuring range: 5-50,000 lux.

6482	2CKA006410A0203	1

2CKA006410A0378

1/10





Busch-Short-time timer insert 1)

For time-programmed switching of electrical consumers. With control cover, without cover plate.

Minimum timer time: 1 second.

Maximum timer time: 9:59:59 hours.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact Rated current: 10 A, cos ϕ 1 Rated power: 2300 VA

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1

	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9	
Cover frames:	1gang frame 1721 BS-2 or Dual Box frame 172		
2gang product	2gang combination w	ith adapter plate	

combinations: APBS in Dual Box only.
neon indicator: not applicable

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker

As cover for flush-mounted blind control switch/push switch. For inserts 2000/4 and 2020/4 US.

Material stainless steel.
Anti fingerprint.

Protection class (Device): IP 20

stainless steel **1785 JA-866** 2CKA001751A2964 10



Cover plate

with rotary control, with marking

As cover for flush-mounted blind control switch/push switch. For inserts 2712 U, 2713 U and 2722 U, 2723 U. Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel **1740-866** 2CKA001710A3748 10



Cover plate 1) with labelling field

With marking.

For half-cylindrical type switches and blind control switch/push-switch. For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101. Surface painted.

Protection class (Device): IP 20

stainless steel 1755 SL/PZ-866-101 2CKA001710A3749 10

1) For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Control element

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101. For basic blind insert 6418 U.

For Busch-Universal 2gang 1way insert 6402 U. Surface painted.

stainless steel **6430-866-102** 2CKA006430A0343 1/10

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
0	Cover plate 1) 2) with rotary knob For comfort blind Surface painted.		
stainless stee	6436-866	2CKA006430A0362	10

 $^{^{1)}}$ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.

²⁾ Surface painted.



Standard timer control element 1)

For manual and time-controlled switching of blinds and roller blinds.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Programming possible only with control element attached and energized.

2 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

For basic blind insert 6418 U.

Temperature range (Device): 0 °C to 35 °C

6456-101	2CKA006410A0398	1/10
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 $^{^{1)}}$ See respective cover plates 6435-xx.





Comfort timer control element 1)

For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function. Freely adjustable temperature and brightness-

dependent sun protection function. Freely adjustable twilight function.

User-adjustable running times for blinds and air

conditioning.
Programming possible only with control element

attached and energized.

6 switching times per day can be user-defined for e

 $\,$ 6 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For Busch-Universal relay switch insert 6401 U-102.

For Busch-Universal master dimmer insert 6593 U.

For LED dimmer insert 6524 U and 6526 U..

For Busch-Memory touch-type controller 6550 U-101.

Temperature range (Device): 0 °C to 35 °C

6455-101-500 2CKA006410A0399 1/10

 $^{^{\}scriptscriptstyle 1)}\mbox{See}$ respective cover plates 6435-xx.



Time switch mechanism 16 A 1) 2) DP, break contact for staircases, exterior lighting, fans, etc.

Running time: 15 min

For time-programmed switching of electrical consumers.

Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos ϕ 0.25 Protection class (Device): IP 20

1070 U

2CKA001043A0025 1/10

fixing only

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty	
3.6		hanism 16 A ¹) ²) t for staircases, exterio	or lighting, fans,	
	etc. Running time: 12	0 min		
	For time-programmed switching of electrical consumers.			
	Rated voltage: 230 V~, +10 % / -10 %			
	Rated current: 16	Rated current: 16 A, cos φ 0.25		
	Protection class	(Device): IP 20		
	1071 U	2CKA001043A01	24 1	

¹⁾ For screw-fixing only

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Cover plate with rotary knob, with marking

For Busch-Timer insert 1070 U. Running time: 15 min Surface painted. Protection class (Device): IP 20

stainless steel **1770-866-103** 2CKA001753A0259 10



Cover plate with rotary knob, with marking

For Busch-Timer insert 1071 U. Running time: 120 min Surface painted. Protection class (Device): IP 20

stainless steel **1771-866-103** 2CKA001753A0302 10



Cover plate 1)

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.

2CKA006430A0344

Surface painted.

stainless steel 6435-866

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket or With screwless term DP (2 P + E) Material stainless st Anti fingerprint. Rated voltage: 250 \ Rated current: 16 A Protection class (De	inals. eel. /~	
stainless steel	20 EUC-866-500	2CKA002011A6212	10/100



SCHUKO® socket outlet 1)

shuttered
With screwless terminals.
DP (2 P + E)
Material stainless steel.
Anti fingerprint.

Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20

stainless steel **20 EUCKS-866-500** 2CKA002013A5374 10/100

 $^{1)}$ Increased shock protection .



SCHUKO® USB socket outlet 1) 2) 3)

shuttered

With screwless terminals.

DP (2 P + E)

For supply and support of mobile devices via USB-cable.

With USB female connector type A. With electronic short-circuit protection.

With electronic overload protection.

Simultaneous charging via USB connection and use of

the SCHUKO® socket outlet.

Surface painted.
Rated voltage: 250 V~
Secondary: 5 V-, +5 % / -5 %
Rated frequency: 50 Hz

Suitable for: SCHUKO® socket outlet

Rated current: 16 A
Suitable for: USB connection
Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

stainless steel **20 EUCBUSB-866-500**2CKA002011A6184 1

³⁾Use dust cover 2098 when cleaning the device.



SCHUKO® socket outlet 1) with labelling field

DP (2 P + E)

Size of labelling field: 60 x 9 mm.

Material stainless steel. Anti fingerprint. Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

stainless steel **20 EUN-866** 2CKA002011A3851 10

¹⁾ Surface painted.

 $^{^{1)}}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ No data transfer.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	
EDV	SCHUKO® socket out	•	,	
000	With screwless terminals.			
	DP (2 P + E) Shuttered.			
	Material stainless steel.			
	Anti fingerprint.			
	Rated voltage: 250 V~			
	Rated current: 16 A			
	Protection class (Dev	rice): IP 20		
stainless steel	20 EUCKS/DV-866	2CKA002013A5277	10	

¹⁾ Increased shock protection.



Busch-Protector® SCHUKO® socket outlet ¹) with overvoltage protection

DP (2 P + E)

With integrated and external signalling contact.

ISN = 5 kA

Device protection for technical sensitive equipment such as computer, entertainment electronics and

building management systems.

Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and

 ${\sf SCHUKO} @ \ socket \ outlet.$

Arrestor test class: classification Type 2

Material stainless steel.

Anti fingerprint.

Rated voltage: 250 V~

Secondary: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

stainless steel 2310EUGL/VA-866-112CKA002011A3853 1 ¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.



SCHUKO® socket outlet ¹) with LED control light

Shuttered.

DP (2 P + E)

With transparent lens.

LED colour green.

Material stainless steel.

Anti fingerprint.

20 EUCBL-866

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

1) Resistant to aggressive media, e.g. ammonia, benzine, oils, greases, alcohol,

2CKA002013A5289

cleansing agents, in normal concentrations.



stainless steel

SCHUKO® socket outlet

with hinged lid

With screwless terminals.

DP (2 P + E)

Hinged lid notches when opened.

Material stainless steel.

Anti fingerprint.

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

stainless steel **20 EUK-866** 2CKA002018A1490 10

Product Article-No. Order-No. Pack/Qty



Busch-Object socket outlet 1) shuttered

With screwless terminals.

DP (2 P + E)

Incl. Cover plate with extract mechanism.

Surface painted. Rated voltage: 250 V~ Rated current: 16 A

stainless steel 20 EUAB-866

1) Increased shock protection .



Shaver socket outlet

For installation into FM 2gang wall box 3030 and 3031.

2CKA002013A5408

Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Rated power: 20 VA IEC 61558-2-5:97

stainless steel 2332 UJBS-866 2CKA002130A0293 1



Flush-mounting wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20

Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm

3030 2CKA001741A0067 4



Flush-mounting cavity wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx.

Protection class (Device): IP 20

Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm

3031 2CKA001741A0068 4



13 A Switched socket outlet

1gang

With screw-type terminals.

SP switched

Without claws.

Only for mounting in VDE flush-mounted wallboxes CFB

122 and CFBM 122. Rated voltage: 250 V~

Rated current: 13 ABS 1363: part2

stainless steel **2190 EUC-866** 2CKA002190A0217 10



Chinese socket outlet, 10 A

1gang

With screw-type terminals.

Without claws.

According to Chinese standard: GB 2099.1

Rated voltage: 250 V~ Rated current: 10 A Rated current: 10 A delivery on request

stainless steel

2193 EUC/10-866-500

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
1,	Chinese socket of 1gang With screw-type Without claws. According to Chi Rated voltage: 25 Rated current: 16	terminals. nese standard: GB 2099 50 V~	.1
	delivery on reque	est	
stainless steel	2193 EUC/16- 866-500		
4 Þ	1gang With screw-type Without claws.	nese standard: GB 2099 50 V~	·
	delivery on reque	est	





stainless steel

International socket outlet 13A 1)

1gang With screw-type terminals. Without claws. Rated voltage: 250 V~

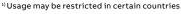
Rated current: 13 A

delivery on request 2197 EUC-866-500

2195 EUC/10-

866-500

stainless steel CBA019A071S6010





SCHUKO® socket outlet 1) 2) shuttered

With screw-type terminals.

DP (2 P + E)

Material stainless steel.

Anti fingerprint.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2300 EUCB-866 2CKA002013A5452 10/100 stainless steel





SCHUKO® socket outlet steplight® 1) 2) With night orientation light

with separate connection cables for switch contact.

with LED, Shuttered. DP (2 P + E) Surface painted. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

20 EUCBLI-866 2CKA002013A5460 stainless steel

1) Connecting terminals approved in accordance with VDE 0620-1 as connectors. 2) Resistant to aggressive media, e.g. ammonia, benzine, oils, greases, alcohol, cleansing agents, in normal concentrations.



SCHUKO® socket outlet 1) with labelling field

DP (2 P + E)

Size of labelling field: 60 x 9 mm.

Material stainless steel.

Anti fingerprint.

Shuttered.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

stainless steel **20 EUCNB-866** 2CKA002013A5432

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) 1) 2) 3) with earth leakage circuit breaker

Shuttered.

DP cut off (P.N) Without PE monitoring.

With connecting conductor and protection of

downstream socket outlets.

Rated fault current: 30 mA.

With fixing claws.

Rated frequency: 45-60 Hz.

Surface painted.

Rated voltage: 230 V~

Rated current: 16 A

3120 EUCB-866

Protection class (Device): IP 21

Temperature range (Device): -25 °C to 40 °C

 $^{1)}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

Increased shock protection.



stainless steel

stainless steel

Buschmat® FI - Insert 1)

with earth leakage breaker with connecting conductor

2CKA003116A0669

1/10

1/10

Protection of downstream consumers.

Rated actuating current: 30 mA. Release time: ≤ 30 ms. Short-circuit strength: 3000 A (with 25 A GL fuse).

Current surge strength: 250 A (8/20) µs.

DP cut off (P,N) Without claw fixation. Rated frequency: 45-60 Hz. Surface painted. Rated voltage: 230 V~

Rated current: 16 A Protection class (Device): IP 21

Temperature range (Device): -25 °C to 40 °C

2CKA003117A0011

Protective measure according to VDE 0100; can be proven or checked using the

Profitest 0100S testing device, for example.

¹⁾ Increased shock protection .

²⁾ With screw-type terminals

²⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket of shuttered With screwless terr DP (2 P + E) with hinged lid Material stainless s Anti fingerprint. Rated voltage: 250 Rated current: 16 A	ninals. teel. V~	
	Protection class (D		
stainless steel	20 EUKB-866	2CKA002018A1521	10/100
•	Socket outlet ') ') with earthing pin With screwless terr Shuttered. Suitable for the cou DP (2 P + E) Rated voltage: 250 Rated current: 16 A	untries like Poland, Czech F V~	Republic.
stainless steel	20 MUCKS-866-50	00 2CKA002017A0900	10
Socket outlet wi protection". 2) Order-bound ma	,	ection. Replaces the usual ter	m"with child

Order-bound manufacturing

Data communication

Product	Article-No.	Order-No.	Pack/Qty		
	•	oint, flush-mounted 1) 2)			
100	power supply fro	om mains power			
N P	Operation as WL	Operation as WLAN access point for the connection of			
	WLAN terminal o	devices to the LAN.			
	Operation as WL	AN repeater for extendi	ng the		
	transmission rar	nge of a WLAN.			
	Operation as WL	AN adapter for integrat	ing Ethernet		
	terminal devices	into a WLAN.			
	Supports WLAN standards IEEE 802.11b/g/n with				
	2.4 GHz; integrated WLAN antenna.				
Backward connection of an Ethernet cable via scr					
	terminals (10/100 Mbit/s).				
	Front-side Ether	net connection via a RJ4	5 socket		
	(10/100 Mbit/s).				
	The three connections (WLAN, Ethernet/screw terminals				
	and Ethernet/RJ	145)can be used in parall	el via the		
	integrated switch	:h.			
	3	2-pole connecting term	inal.		
	Nominal voltage				
	For mounting in commercially available deep flush-				
	mounted and hollow-wall boxes.				
	Rated frequency: 50 Hz - 60 Hz				
	Protection class				
	8186/31-101-50	2CKA008100A03	359 1		

Reset magnet

8186/11-500

For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.

2CKA008100A0361

Protection class (Device): IP 20

Universal data connection unit, cat. 3 1) 1gang With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts With claw.

Protection class (Device): IP 20

0213-500 2CKA000230A1549 10/100

¹⁾ Suitable for cover plate 1803-xxx.



Universal data connection box with down-leading outlet 1)

2gang internally parallel connected

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

	0214	2CKA000230A0235	10/100
Mounting boxes:	35 mm deep flush 1gar or Dual Box 3070-2/35	9	
2gang product combinations:	2gang combination wi APBS in Dual Box only.		
neon indicator:	not applicable		
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	

 $^{^{\}scriptscriptstyle 1)}$ Suitable for cover plate 1803-02-xxx.

 $^{^{\}rm 2)}$ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

Back /Oty

Droduct

pure stainless steel

Data communication

Articlo-No

Product	Article-No.	Order-No.	Pack/Qty	
(Universal data co outlet ¹) 2 x outlets, 8/8-p	onnection box with down-le	ading	
Diminio	With down-leading			
	For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.			
100	1 1 3	to IEC 60 603-7-2:2007.	3,	
	Screw contacts			
	With claw.			
	Protection class ((Device): IP 20		
	0215	2CKA000230A0243	10	
Mounting	35 mm deep flush	n 1gang		
boxes:	or Dual Box 3070	-2/35 BSDB.		
2gang product	2gang combinati	on with adapter plate		
combinations:	APBS in Dual Box	only.		
neon indicator:	not applicable			
1) Suitable for cove	r plate 1803-02-xxx.			

Order No



Data-connection box, RJ 45, cat. 6a iso, shielded 1)

With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to

ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the

back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for R111, R112 und R145

For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without claws

0218/11-101

Mounting depth: 31 mm.

Protection class (Device): IP 20 2CKA000230A0409

1) Suitable for cover plate 1803-xxx.





Data-connection box, RJ 45, cat. 6a iso, shielded 1) 2 x outlets, 8/8-pole

With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to

ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Flex cable entries from all sides without buckles.

Earthing of housing via 6,3 mm blade terminal at the

back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for RJ 11, RJ 12 und RJ 45. For data cables with a diameter of 6 -10 mm.

For trunk systems, flush-mounted wall boxes and

underfloor systems. For wires of AWG 24-22.

Without claws.

Mounting depth: 31 mm.

Protection class (Device): IP 20

0218/12-101 2CKA000230A0411 1/10

¹⁾ Suitable for cover plate 1803-02-xxx.



Universal data connection box 8(6)/ telephone unit 6F+N - connection box 1)

2 x 6-pole

with straight outlet,

with screw contacts.

Universal data-connection boxes: RJ 11/12,

ISDN capable Cat. 3 in acc. with IEC 603-7/German

Standard DIN EN 60603-7,

Telecommunication outlet (telephone unit): for 1

telephone, 1 auxiliary device or 1 data transmission unit,

With claw.

Protection class (Device): IP 20

2CKA000230A0381 white UAE 8(6)TAE 6 F+N 10/100

1) Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.



1/10

Satellite co-axial outlets 2 connectors/dead-end feeder

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

2CKA000230A0250



Antenna socket insert Radio/TV 2 connectors/loop through type

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

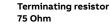
0231-101

2CKA000230A0268 10/100

10/100

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	3gang dead-end Broadband techr	ology 47-2.150 MHz.	
	SAT connection designed as screwable F-male plug. with remote feed via F-bush For DVB-T and broadband-cable-systems.		
		digital transmission.	
	Minimal installati Protection class	ion depth, class A. (Device): IP 20	
	0232-101-500	2CKA000230A0463	10/100



Protection class (Device): IP 20

0239 2CKA000230A0201 10/100



Mounting plate 1) 2) with green insert

For 2 modular jack inserts.

For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws.

Protection class (Device): IP 20

1810-500 2CKA001753A9974 10/100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with red insert

For 2 modular jack inserts.

Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts

For Telegärtner AMJ/UMJ connection modules/couplings.

For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk.

Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws.

Protection class (Device): IP 20

1812-500 2CKA001753A9972 10/100





Mounting plate 1) 2) with black insert

For MTRJ or 2 modular jack inserts.

For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex,

CombiNet, EFB Electronic, Telena.
For 2 fiber optic modules of the following types: AMP /

tyco Electronics MTRJ.

Pitch dimensions: (WxH) approx. $14.8 \times 20.4 \text{ mm}$. Without claws.

Protection class (Device): IP 20

1814-500 2CKA001753A9973 10/100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with blue insert

with blue insert

For 2 modular jack inserts. For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III

2CKA001710A3100

Pitch dimensions: (WxH) approx. $16.0 \times 11.0 \text{ mm}$. Without claws.

Without claws.

Protection class (Device): IP 20

1) Compatibility with other manufacturers not listed is to be checked in accordance

1816



Mounting plate 1) 2)

with orange base For 2 modular jack inserts.

For system: LexCom 150 and LexCom 250. Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.

Without claws.

Protection class (Device): IP 20

1819 2CKA001753A8056 10/100

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

 $^{^{\}mbox{\tiny 2)}}\mbox{For further information, please refer on the Internet.}$



Mounting plate 1) 2) with grey base

For 2 modular iack inserts.

For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules. Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws.

Protection class (Device): IP 20

1820 2CKA001753A8057 10/100

 $^{^{\}mbox{\tiny 2)}}\mbox{For further information, please refer on the Internet.}$



Flush-mounted assembly adapter

For the accommodation of one or two universal modules 0219.

For flush-mounted installation.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

Protection class (Device): IP 20

0219/12 2CKA000230A0395 1/10

¹⁾Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

 $^{^{\}rm D}$ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

 $^{^{\}rm 1)}$ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

with specified snap-in dimensions.

 $^{^{\}mbox{\tiny 2)}}\mbox{For further information, please refer on the Internet.}$

 $^{^{\}rm D}$ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

Data communication

Product	Article-No.	Order-No.	Pack/Qty		
•	Channel assembl	y adapter			
	For the accommodation of one or two universal				
	modules 0219.				
	For channel and u	ınder-floor installation.			
	Suitable for telep	hone connection unit cove	er plates		
	2539-21x and 176	б-xxx.			
	Protection class ((Device): IP 20			
	0219/13	2CKA000230A0396	5 1/10		



Universal module, RJ 45, cat. 6a iso, shielded 1) 1gang

For installation in installation adapter 0219/12 or 0219/13.

Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Cat. 6A according to ISO/IEC 11801: 2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.

Bend-radius optimised cable feed (30°).

Earthing of housing via 6,3 mm blade terminal at the back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

For 8-pole plug RJ 45 only.

Housing made from diecast zinc.

With integrated dust-protection cap (can be removed if necessary).

With insulation displacement connection

For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Protection class (Device): IP 20

0219-101 2CKA000230A0413 1/10

¹⁾With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.



Modular-Jack insert

6-pole Cat. 3 (AMP-No. 216000-2)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm 2 (AWG 26) to 0.35 mm 2 (AWG 22).

Protection class (Device): IP 20

0210 2CKA000225A0078 10



Modular-Jack insert

8-pole Cat. 3 (AMP-No. 216005-4)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm^2 (AWG 26) to 0.35 mm^2 (AWG 22).

Protection class (Device): IP 20

0211 2CKA000225A0086 10





Built-in jack

For potential balancing jack cover plate and installation in cover plates.

For devices of 19 mm diameter. Protection class (Device): IP 20

0471-0-0037 2CKA000471A0037 10



Potential balancing plug

Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.

For potential balancing jack cover plate (connection up to 6 mm² crimped or soldered)

Protection class (Device): IP 20

0299-0-0032 2CKA000299A0032 10



Blank plate

with metal mounting plate

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel **1742-866** 2CKA001710A3751 10



Cover plate 1)

with metal mounting plate

As cover for flex outlet, for cords up to 10.3 mm diameter.

With strain relief (without terminal block).

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel	1749-866	2CKA001710A3752	10
1) Cover plate can al	so be used individ	ually as cover for telephone conne	ctor boxes



Cover plate 1)

As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

For WLAN access points 8186/31 and 8186/41.

Brand-Rex (WAEGV 8 EKR/EK).

BTR (universal data connecting unit design and IAE design).

Telegärtner (AMJ 45, UMJ 45).

With down-leading outlet.

With labelling field.

Size of labelling field: 60 x 9 mm.

Material stainless steel.

Anti fingerprint.

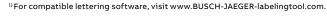
Protection class (Device): IP 20

stainless steel **1803-866** 2CKA001710A3763 10/100

 $^{1)} For compatible lettering software, visit www. {\tt BUSCH-JAEGER-labeling} tool.com.$

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Art. No. 0214, 021 0218, 0217 (Cat 5e types of the com 8/8 EKR/EK). AMI E-DAT design, Un IAE design). cti (c Telegärtner (AMJ	45, UMJ 45). g outlet. With labelling field in the second of the second	1/12-507, omparable (WAEGV E-DAT C6, t design and
stainless steel	1803-02-866	2CKA001710A3764	10/100





Cover plate

For telephone connection unit.

For USB, VGA, HDMI inserts and communication

adapter. USB power adapter insert 6472 U.

For loudspeaker connection box.

Suitable for part number 0248/0x-101. For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from

Telegärtner (type MJ and WE).

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel	1766-866	2CKA001710A3765 10	0/100
Stairliess Steel	1/00-000	2CKAUU1/1UA3/03 10	J/ 100



As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection.

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

1745-866 2CKA001710A3766 stainless steel 10



Cover plate 1)

socket outlet

Telephone socket (TDO) Surface painted.

2CKA001710A4107 10/100 stainless steel 1762-866-506

¹⁾ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).



Cover plate 1) 2)

as cover for standard Radio/TV/SAT socket outlets

With 2 connectors

Acc. to German Standard DIN 45330.

Radio/TV/SAT.

With M3 fixing screw.

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

2CKA001724A4271 stainless steel 1743-866 10/100





As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.

Surface painted.

Protection class (Device): IP 20

stainless steel	1743-04-866	2CKA001724A4378	10	
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¹⁾ See adapter ring 1746/10x.



Cover plate 1)

As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Surface painted.

Protection class (Device): IP 20

stainless steel 1743/10-04-866 2CKA001724A4369 10	stainless steel	1743/10-04-866	2CKA001724A4369	10	
--	-----------------	----------------	-----------------	----	--

¹⁾ See adapter ring 1746/10x.



Cover plate 1) with labelling field

For modular jack with slide entrance.

To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. Size of labelling field: 60 x 9 mm.

Material stainless steel. Anti fingerprint.

Protection class (Device): IP 20

1800-866 stainless steel 2CKA001710A3767

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Cover plate 1)

with metal mounting plate

For 1 modular jack.

Suitable for Art. Nos. 0210, 0211 and 0219-101.

Without claws. Surface painted. Protection class (Device): IP 20

2CKA001753A0404 stainless steel 2561-866 10

¹⁾ Surface painted.



Cover plate

with metal mounting plate

For 2 modular jack inserts. Suitable for Art. No. 0210 and 0211. Without claws. Surface painted.

Protection class (Device): IP 20

stainless steel 2561-02-866 2CKA001753A0395 10



Cover plate

For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Surface painted.

10

Protection class (Device): IP 20

1746/10-866 2CKA001710A3768 stainless steel

otanness steel	 20.0.002.20.00	



Intermediate ring

For attaching cover plates from the Busch-balance® SI

Surface painted.

Protection class (Device): IP 20

1747 BSI-866 2CKA001710A4097 stainless steel

¹⁾ Third opening can be knocked out.

²⁾ See inserts for satellite coaxial socket outlets.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate		
	With hinged lid.		
	ate		
The second second	With cover plate	50 x 50 mm, AMP, Brand-Re	х.
	Rutenbeck, BTR,	Telegärtner, etc.	•
	Surface painted.	,	
	Protection class (Device): IP 20	
	Troccection class	Device). II 20	
stainless steel	1746-866	2CKA001710A3769	10



stainless steel

Intermediate ring with hinged lid 1) 2)

For accommodating cover plates from the Busch-Duro 2000® SI program and Reflex SI, e.g. child protection socket outlets, equipotential, antenna, and ISDN socket outlets, etc.

2CKA001719A0221

Delivery without cover plate.

With sealing ring.

IP 44 only in conjunction with cover frames

All Weather 44.

Surface painted.

Protection class (Device): IP 44

1) Combinable with cover plate 1746101. 1743	3-04, 1743/10-04 or data inserts
with covers 50 x 50 mm, e.g. from Ackermany	Rutenbeck BTR Telegärtner

²⁾ Combinable only with covers for flush-mounted inserts

2518-WD-866



XLR centre plate

As cover for Neutrik plug connectors, type D series. Without claws.
Surface painted.

Protection class (Device): IP 20

stainless steel **2553-866** 2CKA001724A4403 10



Cover plate

with metal mounting plate

For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.

Knock-out openings 6, 8, 18 mm.

Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel **1748-866** 2CKA001710A3760 10



Cover plate

with metal mounting plate

As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel **1750-866** 2CKA001710A3770 10



Equipotential socket outlet

2gang

Without claws.

For connecting wires up to 1×6 mm² and 4×2.5 mm². IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801.

Surface painted.

Protection class (Device): IP 20

stainless steel **2095 UC-866** 2CKA002495A0090 10

Product	Article-No.	Order-No.	Pack/Qty



Cover plate

with metal mounting plate

With screw-type terminal.

Fixed with central locknut.

Surface painted.

Protection class (Device): IP 20

stainless steel **2533-866** 2CKA001724A4270 10



Cover plate 1)

with metal mounting plate

for communication devices. With labelling field 60.2 x 10.2 mm. Without claws.

Surface painted.

Protection class (Device): IP 20

stainless steel **1758-866** 2CKA001724A4272 10

 $^{1)} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$

Multimedia / communication adapters

R R in R W W W W W W W W W W W W W W W W W W	estallation. eception freque fith display and fith external Al or mono/stere radio stations fith time displa fith alarm func fith automatic mode). fith extension	o alarm clock for flush-mounted lency: 87.50 MHz - 108.00 MHz d background illumination. JX input. o operation. storable. ay. tion. switch-off function (automat	ic sleep	
R R in R W W W W W W W W W W W W W W W W W W	DS stereo radinatallation. eception frequential display and with display and with external Al or mono/stere radio stations with time display ith time display ith alarm function display ith automatic mode).	o alarm clock for flush-mounted lency: 87.50 MHz - 108.00 MHz d background illumination. JX input. o operation. storable. ay. tion. switch-off function (automat	ic sleep	
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R W W F 8 8 W W W W S S W	eception frequential display and fith external Al or mono/stere radio stations fith time display ith alarm functionation ode).	d background illumination. JX input. o operation. storable. ay. tion. switch-off function (automat	ic sleep	
W W FF 8 W W W W SS W	Vith display and Vith external Al or mono/stere radio stations Vith time display Vith alarm function display Vith automatic mode).	d background illumination. JX input. o operation. storable. ay. tion. switch-off function (automat	ic sleep	
W Fi 8 W W W M M S S W	Ith external Al or mono/stere radio stations /ith time displa /ith alarm func /ith automatic node).	JX input. o operation. storable. ay. tion. switch-off function (automat	·	
Fi 8 W W W M SI W	or mono/stere radio stations /ith time displa/ith alarm func/ith automatic node).	o operation. storable. ay. tion. switch-off function (automat	•	
8 W W M M SV W	radio stations /ith time displa /ith alarm func /ith automatic node). /ith extension	storable. ay. tion. switch-off function (automat	·	
W W W M SV W	/ith time displa /ith alarm func /ith automatic node). /ith extension	ay. tion. switch-off function (automat	·	
W W M W SY W	ith alarm function with automatic node).	tion. switch-off function (automat	·	
 W m W SI	/ith automatic node). /ith extension	switch-off function (automat	·	
m W SI W	node). /ith extension	·	•	
W 51 W	ith extension	input to remote-controlled ON	1/055	
s: W		input to remote-controlled ON		
W	With extension input to remote-controlled ON/OFF			
	switches.			
	With integrated antenna.			
	With additional connection for external antenna.			
	Permitted speaker impedance: 4 - 8 Ohm			
	Can be installed as 1gang and in multiple combinations.			
	Rated voltage: 230 V~, +10 % / -10 %			
	Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20			
	Temperature range (Device): 5 °C to 40 °C			
	Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm			
	founting depth	•		
	215 U-500	2CKA008200A0182	1/10	





Busch-Radio iNet 1) 2) 3) 4)

WLAN Internet radio alarm clock for flush-mounted installation.

For the reception of national and international radio stations via Internet.

Radio station search possible via various genres. With high resolution graphic display and background illumination.

With external AUX input.

Integrated web-server for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm function.

With short-time timer.

With automatic switch-off function (automatic sleep mode).

With extension input to remote-controlled ON/OFF switches.

With integrated WLAN antenna.

WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).

WLAN safety: WPA / WPA2.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

Mounting depth: 33 mm



8216 U-500 2CKA008200A0153 1/10

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

 $^{^{}m 4)}$ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

 $^{^{5)}\}mbox{To}$ be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 $\,$ > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁴⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Multimedia / communication adapters

Product Article-No. Order-No. Pack/Qty Busch-Radio BTconnect 1) 2) 3) 4) RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile

devices Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination.

With external AUX input.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm clock and snooze function.

With short-time timer.

With automatic switch-off function (automatic sleep

With extension input to remote-controlled ON/OFF switches.

With integrated antenna.

With additional connection for external antenna.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 2.1

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm

Mounting depth: 32 mm



8217 U-500

2CKA008200A0194

1

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).



Busch Bluetooth receiver 1) 2) 3) 4)

Bluetooth interface for music replay of mobile devices. With integrated amplifier.

With external AUX input.

For mono/stereo operation.

Can be combined with the MDRC amplifier 8208.

Admissible loudspeaker impedance: 4 - 16 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 4.0

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Display elements: LED for status display.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20 Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm



8219 U 2CKA008200A0198 1/10





Loudspeaker insert 1)

For Busch-DigitalRadio 8215 U/8216 U.

For Busch-Radio iNet 8216 U.

For Busch-Radio BTconnect 8217 U.

For Busch Bluetooth receiver 8219 U.

With broadband characteristics.

With flat plug connector.

Incl. speaker connection cable.

Rated output: 2 W (RMS)

Frequency response: 200 - 20,000 Hz

Impedance: 4 Ohm

Protection class (Device): IP 20, SELV

Mounting depth: 32 mm

8223 U-500 2CKA008200A0183 1/10

1) No claw. Screw-fixing via keyholes.



Busch-powerDock Insert 1) 2) 3) 4)

For charging and supplying mobile terminal devices. With quick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal

Rated voltage: 100 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device

Rated current: 2.1 A

Output voltage: 5 V-

Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV

Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

6473 U-500 2CKA006400A0039 1/10

1) No claw. Screw-fixing via keyholes.

 $^{\rm 2)}$ The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick chargeTM 2.0 standard.

3) In rare cases the manufacturers of USB-C terminal devices support the quickcharging function independent of this standard only in case of charging devices $% \left(1\right) =\left(1\right) \left(1\right) \left$ that are the same as those of other manufacturers.

⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.



Busch-powerDock Charging cradle with Apple lightning

For Busch-powerDock insert 6473 U.

For attaching mobile terminal devices with lightning connection.

For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.

For iPhone 8 Plus, iPhone 8.

For iPhone 7 Plus, iPhone 7.

For iPhone SE.

For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.

For iPhone 5s, iPhone 5c, iPhone 5.

For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).

Suitable for use with protective covers certified by

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

2CKA006400A0081

1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁶⁴⁷³⁻⁵⁰⁰ 1) Not released for use with the iPad.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	connection For Busch-powerE For attaching mol connection. Temperature rang	c Charging cradle with USB Dock insert 6473 U. Doile terminal devices with United the Control of	SB-C
	6473/11-500	2CKA006400A0083	1/10



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable. With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz

Suitable for: In case one output is used: Rated current: 1400 mA

Suitable for: In case two output are used:

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm

6472 U-500

⁴⁾ Use dust cover 2098 when cleaning the device.



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable. With two USB type A outputs.

2CKA006400A0002

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection.

Rated voltage: 120 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz

Suitable for: In case one output is used:

Rated current: 3 A

Suitable for: In case two output are used:

Rated current: 1.500 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 0 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

Available from November 2019

6472 U-500-101	2CKA006400A0094	1

¹⁾ No claw. Screw-fixing via keyholes.





USB charging station insert 1) 2) 3)

For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm.

With electronic short-circuit protection.

With electronic overload protection.

Rated voltage: 100 - 230 $^{\circ}$ V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz

Rated current: 1400 mA Protection class (Device): IP 20, SELV

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm

Mounting depth: 32 mm

6474 U-500

2CKA006400A0033 1/10

For terminal devices with standardized charging interface according to DIN EN



HDMI connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens. HDMI-type A, 3D-compatible.

Fully HD ready (1920 x 1080 pixel).

For 20-wire HDMI-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate. Without claws. Protection class (Device): IP 20

Mounting depth: 34 mm white 2CKA000230A0430 0261/31-500 0261/33-500 2CKA000230A0432 alpine white 0261/32-500 2CKA000230A0431

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.



grey

VGA connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link analogue video data between PCs and laptops to monitors or digital projectors etc.

VGA-type: D-type, 15-pole.

Fully HD ready (1920 x 1080 pixel).

For 15-wire VGA-cables via srew-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate. Without claws. Protection class (Device): IP 20

Mounting depth: 34 mm

white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN

³⁾ For terminal devices with standardized charging interface according to DIN EN

⁴⁾ Use dust cover 2098 when cleaning the device.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Suitable for telep 2539-21x and 1766 To link mobile de sticks or digital o USB-type A, USB - For 5-wire USB- o For trunk system underfloor syster For easy installati	terminals and strain reliction unit corporate connection unit corporates ike e.g. printer, scalameras etc. 2.0 compatible. ables via srew-type terming, flush-mounted wall boins. on and to follow the valicelectronic-wall-box" type mended. te. Device): IP 20	ver plates nner, USB- inals. xes and d bending
white	0261/11-500	2CKA000230A041	18 1
grey	0261/13-500	2CKA000230A042	20 1
alpine white	0261/12-500	2CKA000230A041	9 1

¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.



Communication adapter for BNC-F Duct-jacks

Suitable for telephone connection unit cover plates

2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0262/11-500	2CKA000230A0436	1	
grey	0262/13-500	2CKA000230A0438	1	
alpine white	0262/12-500	2CKA000230A0437	1	



F duct-jack

for communication adapter

For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Protection class (Device): IP 20

0262-500 2CKA000230A0440 metal clad



Communication adapter

for Cinch-iacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1





Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets. Audio-band 20Hz - 20kHz.

Marked white: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

alpine white 0263/04-500 2CKA000230A0451



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets. Audio-band 20Hz - 20kHz.

Marked black: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

0263/05-500 black 2CKA000230A0452



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked red: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

0263/06-500 2CKA000230A0453 Red



Cinch-jacks

for communication adapter

For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.

Marked yellow: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

0263/07-500 2CKA000230A0454 vellow



Communication adapter

for Mini-jacks 3,5mm.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws

Protection class (Device): IP 20

alpine white	0264/12-500	2CKA000230A0459	1	
grey	0264/13-500	2CKA000230A0460	1	
white	0264/11-500	2CKA000230A0458	1	



Mini-jack 3,5 mm

for communication adapter

For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag.

Protection class (Device): IP 20

		(=/	
chrome gloss	0264-500	2CKA000230A0462	1

2CKA006400A0064

10

6477-866

stainless steel

1) Surface painted.

pure stainless steel

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
white	•	on max. 10 mm². ed by color.			With screw-type Material stainles Anti fingerprint.	s. erts and cover. s-sections up to 4 mm² rigid. terminals. ss steel.	
¹) Suitable for cove	er telephone unit 1766	-xxx and 2539-21x.		stainless steel	Protection class 1751-866	2CKA001723A0255	10
ring	•	on max. 10 mm². ed by color.	terminals on		As a cover for vo		of WHD.
alpine white	0248/04-101-50		10/100	stainless steel	1740 DR/03-86	· · · · · · · · · · · · · · · · · · ·	10
	With screwless te the back). With 4 Cable cross-section Polarity is indicat With claw.	on max. 10 mm². ed by color.	terminals on	- + */AUX	Cover plate 1) For Busch Blueto Surface painted.	ooth receiver 8219 U.	
	Protection class (<u> </u>	10/100	stainless steel	8255-866	2CKA008200A0219	1
anthracite 1) Suitable for cove	0248/05-101 er telephone unit 1766	-xxx and 2539-21x.	04 10/100	¹⁾ Surface painted.	Cover plate 1)		
- + PROG	Cover plate 1) For Busch-Digital For Busch-Radio i For Busch-Radio i Surface painted.			00	With protective mobile telephon Suitable for devi	g station 6474 U. function against lateral slipp e. ices with a maximum thickne unting option of connecting	ess of 18
stainless steel	8252-866	2CKA008200A005	59 10	stainless steel	6478-866	2CKA006400A0030	1
¹⁾ Surface painted.				¹⁾ Surface painted.			
	Cover plate ¹) For loudspeaker i Surface painted.	nsert 8223 U.			•	Busch-powerDock ¹) rDock charging cradle.	





Cover plate

8253-866

For telephone connection unit.
For USB, VGA, HDMI inserts and communication

2CKA008200A0087

1/10

adapter. USB power adapter insert 6472 U. For loudspeaker connection box.

Suitable for part number 0248/0x-101.

For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from

Telegärtner (type MJ and WE). Material stainless steel.

Anti fingerprint.

Protection class (Device): IP 20

stainless steel **1766-866** 2CKA001710A3765 10/100

Back /Oty

Droduct

pure stainless steel

Article No

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty		
	Room thermosta	t, flush-mounted 1) 2) 3)	,		
6	reached. With fixing claws. Separate termina	I to activate nighttime mode			
	reduction of room temperature by 4K. Class of temperature controller 1				
	Contribution to space heating energy efficiency 1,0%.				
	Rated voltage: 230 V~				
	Rated current: 10 A				
	Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,				
	British Standard E	EN 60669-2-1			
	1094 U-500	2CKA001032A0512	1/10		
Mounting boxes:	35 mm deep flush or Dual Box 3070-				
2gang product combinations:	2gang combination	on with adapter plate only.			

Order No

³⁾ Switching temperature difference: ± 0.5 K.



combinations:

Room thermostat, flush-mounted 1) 2) 3) Slide switch

With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

APBS in Dual Box only.

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

	1095 U-500	2CKA001032A0514	1/10
Mounting boxes:	35 mm deep flush or Dual Box 3070-	5 5	
2gang product	2gang combination	on with adapter plate	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,
Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall
or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g. Article No. 6164/10-, see KNX chapter.

Product	Article-No.	Order-No.	Pack/Qty



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, 24 V

With built-in slide switch and control lamp for nightly reduction of 4 K. Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~ Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

	British Standard EN 60669-2-1			
	1096 U	2CKA001032A0485	1	
Mounting boxes:	35 mm deep flush or Dual Box 3070-	5 5		
2gang product combinations:	2gang combination	on with adapter plate only.		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) 1gang 2way

With fixing claws. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 5 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

	British Standard EN 6	tandard EN 60669-2-1			
	1097 U-500	2CKA001032A0513	1/10		
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.				
2gang product combinations:	2gang combination w APBS in Dual Box only				
1) Only in conjuncti	on with standard flush m	ounting hoves asserding to	DIN 40072		

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Actual value indication

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

2CKA001032A0487

1094 UTA

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}mbox{\scriptsize 2)}}\mbox{Servo-valves,}$ "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

 $^{^{\}rm 2)}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.

Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Room thermostats

Product Article-No. Order-No. Pack/Qty Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication

> With actual value temperature display Automatic controller calibration

Switch contact opens when the set temperature is

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

2CKA001032A0488

British Standard EN 60669-2-1

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

2) Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

3) Switching temperature difference: ± 0.5 K.

1095 UTA



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication, 24 V

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~

Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1096 UTA 2CKA001032A0489 1/10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

2) Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g., Art. No. 6164/10.

Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Change-over contact, actual value indication

With actual value temperature display Automatic controller calibration

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 AEN 60730-2-9, British Standard EN 60669-2-1

1097 UTA

2CKA001032A0490

Product Article-No. Order-No. Pack/Qty



Room thermostat, flush-mounted 1) 2) 3)

Change-over contact, setpoint indication, timer With change-over contact.

Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week.

With fixing claws.

Automatic summer/wintertime switch-over

Power reserve > 10 hours.

To fit cover plate 6435-xxx.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9

1098 U-101

2CKA001032A0508

1/10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) Remote sensor

With remote sensor and thermal feedback For underfloor heating.

With built-in slide switch and control lamp for nightly reduction of 4 K

Switch contact opens when the set temperature is reached.

With fixing claws.

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Adjusting range: +10 to +50° C.

Connecting cable: 1mm2 to 2.5 mm2

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 16 A, cos φ 1EN 60730-2-9, British

Standard EN 60669-2-1

1095 UF 2CKA001032A0497

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty			
GYBLITA .		t, flush-mounted 1) 2) tact, setpoint indication	on, timer,			
2200	remote sensor					
cau,	With change-over	contact.				
OMET TO	Easy adjustment	Easy adjustment using menu and text-based display.				
	4 switching times per day can be user-defined for each					
	day of the week.					
	With fixing claws.					
	Automatic summ	er/wintertime switch-o	over			
	Remote sensor cable length: 4 m.					
	Sensor =NTC, 10 kilo-ohm at 25 degrees C.					
	Power reserve > 1	0 hours				
	To fit cover plate	6435-xxx.				
	Class of temperature controller 1					
	Contribution to space heating energy efficiency 1,0%.					
		Rated voltage: 230 V~				
	Rated current: 16 A					
	Temperature ran	ge (Device): 10 °C to 50	°CEN 60730-2-9			

1	Only in conjunction with standard flush-mounting boxes according to DIN 49073,
	Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall
	or 3060 wallbox concrete)

2CKA001032A0509

 $^{^{2)}}$ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling

With separate connection (230 V~) for external switchover between heating or cooling.

Switch contact opens when the set temperature is reached.

With fixing claws.

1098 UF-101

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1099 UHK 2CKA001032A0515 1/10

 $^{1)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

2) Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

3) Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch

With built-in sliding switch for switchover between cooling or heating.

Switch contact opens when the set temperature is reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1099 UHKEA 2CKA001032A0516

Product	Article-No.	Order-No.	Pack/Qty



Cover plate

for room thermostat

For room thermostats 1094 U, 1097 U. Surface painted.

stainless steel 1794-866 2CKA001/10A3755 10	stainless steel	1794-866	2CKA001710A3755	10	
--	-----------------	----------	-----------------	----	--



Cover plate

for room thermostat

With sliding switch for nightly room temperature reduction.

to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.

stainless steel 1795-866 2CKA001710A3756 10

,200	

Cover plate

Surface painted.

for room thermostat

For room thermostats 1094 UTA, 1097 UTA. Surface painted.

stainless steel	1794 TA-866	2CKA001710A3761	10	



Cover plate

for room thermostat

With sliding switch for nightly room temperature reduction.

For room thermostats 1095 UTA, 1096 UTA. Surface painted.

1795 TA-866 2CKA001710A3762 stainless steel 10



Cover plate 1)

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.

Surface painted.

2CKA006430A0344 stainless steel 6435-866

¹⁾ Surface painted.



Cover plate for room thermostat

For room temperature controller 1099 UHK. Surface painted.

tainless steel	1795 HK-866	2CKA001710A4018	10	



Cover plate for room thermostat

For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or

Surface painted.

stainless steel 1795 HKEA-866 2CKA001710A4050 10

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Pack/Qtv

pure stainless steel

LED light

Product	Article-No.	Order-No.	Pack/Qty
	Long service life of Homogeneous ba	on field 43 x 43 mm. of the lighting element (LEI acklighting of the informati ure 6,500 K (cold white) ion: < 0.5 W 0 V~ 50 Hz - 60 Hz	•
	2062 U	2CKA001511A0115	1/10

¹⁾ Use relay inserts when switching through movement sensors or comfort switches.

²⁾ For switching the LED flush mounted insert use switches without orientation light only.



Cover plate 1) 2)

As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm. Surface painted.

Protection class (Device): IP 20

stainless steel	1716-866	2CKA001731A1955
1) Included with the	cover are 46 different tex	t labels and symbols.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Cover plate for indication lamp

For insert 2061/2661 U.

As cover for flush-mounted light signal.

Surface painted.

Protection class (Device): IP 20

stainless steel	1756-866	2CKA001753A0093	10	



Cap

for indication lamp

For indication lamps.

Protection class (Device): IP 20

clear- transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

WaveLINE control elements

Article-No.

FIOGUCE	AI LICIE-INO.	Order-No.	rack/ Q		
-		nsmitter WaveLINE 1) 2) 3)			
	1-channel				
	1gang wall-mount power supply.	ed transmitter independen	t of mains		
	With labelling field	d and labelling strip.			
	For switching and	3			
		nds and light scenes.			
	1 radio channel ca can be called up.	n be operated or up to 2 ligl	ht scenes		
		d WaveLINE actuators 6701-	101, 6702,		
	6703, 6704 and 67				
	For LED display W				
	Compatible with V Send frequency: 8	VaveLINE KNX gateway TP-F 68 MHz.	RF 6770.		
	Free-field range: a	pprox. 100 m.			
	Power supply: lithium button cell battery Type CR2032.				
	Battery service life	e: typically 5 years, therefore	е		
	•	oring of battery life.			
		ate for mounting on smoot	h walls or		
	on switch boxes.	ate 101 1110 a.r.tg 011 511100 t			
	Surface painted.				
	•	ocker switch left/right			
	Control element: rocker switch left/right Display elements: LED to indicate the transmission				
	Rated voltage: 3 V		1331011		
	Protection class (Device): IP 20				
	•	e (Device): -5 °C to 45 °C			
	, ,	V x D): 63 mm x 63 mm x 16	mm		
stainless steel	6731-866-500	2CKA006730A0041	1/10		

Order-No.

Product



Wall-mounted transmitter WaveLINE 1) 2) 3)

2-channel

2gang wall-mounted transmitter independent of mains power supply.

With labelling field and labelling strip.

For switching and dimming.

For controlling blinds and light scenes.

2 radio channels can be operated or up to 4 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

For LED display WaveLINE 6730-xxx.

Compatible with WaveLINE KNX gateway TP-RF 6770.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Surface painted.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

6732-866-500

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

2CKA006730A0042

1/10

1) Datta	ام مام مام ما	:	سامانا مام	_
"Battery	/ included	ın	delivery	٧.

 $^{^{2)}} For compatible lettering software, visit www. BUSCH-JAEGER-labeling tool.com. \\$

stainless steel

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Surface painted.

³⁾ Surface painted.

WaveLINE control elements

roduct	Article-No.	Order-No.	Pack/Qt
			, .
	4-channel 4gang wall-morpower supply. With labelling if For switching if For controlling 4 radio channel can be called u For flush-mour 6703, 6704 and For LED display Compatible wi Send frequenc Free-field rang Power supply: Battery service practically mai Automatic mor Including fixing on switch boxe Surface painte Control elemen Display elemen Rated voltage: Protection clast Temperature range	blinds and light scenes. els can be operated or up to p. ted WaveLINE actuators of 16705-101. y WaveLINE 6730-xxx. th WaveLINE KNX gateway y: 868 MHz. e: approx. 100 m. lithium button cell battery e life: typically 5 years, then tenance-free. nitoring of battery life. g plate for mounting on some ses. d. ht: rocker switch left/right hts: LED to indicate the tra	ndent of mains o 8 light scenes 6701-101, 6702, r TP-RF 6770. r Type CR2032. refore mooth walls or cunsmission
ainless steel	6733-866-500	2CKA006730A00	043 1/10

¹⁾ Battery included in delivery.

³⁾ Surface painted.



WaveLINE LED display 1) 2) 3)

For status display of window handle positions: open = red, closed = green, tilted = yellow.

Direct onsite operation possible for switching / dimming an electrical device depending on the flushmounted insert.

4 individual LED display channels.

Up to 8 WaveLine transmitters can be taught-in on each LED display channel.

Up to 8 WaveLine transmitters can be taught-in on onsite operation.

After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state.

Status display for depleted WaveLINE transmitter battery.

Status display for faulty transmission link and defective WaveLINE transmitter.

User-friendly start-up without PC / software. Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x.

For WaveLINE 6721-xx universal signalling unit. For Busch-Watchdog 220 WaveLINE 6747 AGM.

For Busch-Universal relay switch insert 6404 U.

For universal dimmer switch insert 6595 U.

Free-field range: approx. 100 m.

Send/receive frequency: 868 MHz.

Surface painted.

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L \times W \times D): 63 mm \times 63 mm

stainless steel **6730-866** 2CKA006730A0023 1

Accessories

Product	Article-No.	Order-No.	Pack/Q
1		on of flush-mounted SCHU switches, push-buttons, et ounted boxes.	
	2148	2CKA002148A0120	100

¹⁾ Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.



Braille symbol

self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20

light		
2144 LI	2CKA001714A0295	10/1000
bell		
2144 KI	2CKA001714A0296	10/1000
key		
2144 TR	2CKA001714A0297	10/1000



Braille symbol socket outlet

self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx
Protection class (Device): IP 20

2144 ST	2CKA001714A0298	10/1000



DIN A 4 labelling sheet 1)

plastic foil

Suitable for all to be labeled Busch-Jaeger devices. For laser printer.

The text of the foil is printed via the Busch-Jeager labeling service.

translucent	1799/02	2CKA001799A0959	1	
transparent	1799/03	2CKA001799A0960	1	

^{1) 1} piece = 1 sheet.



RC suppressor

For protection against the damage or destruction of electronic devices due to overvoltages.

For wiring network-interconnected inductivities (e.g.. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.

Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

5000	261/400600040224	10
6899	2CKA006899A0231	10

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com. ²⁾ Surface-painted

³⁾ Surface painted.

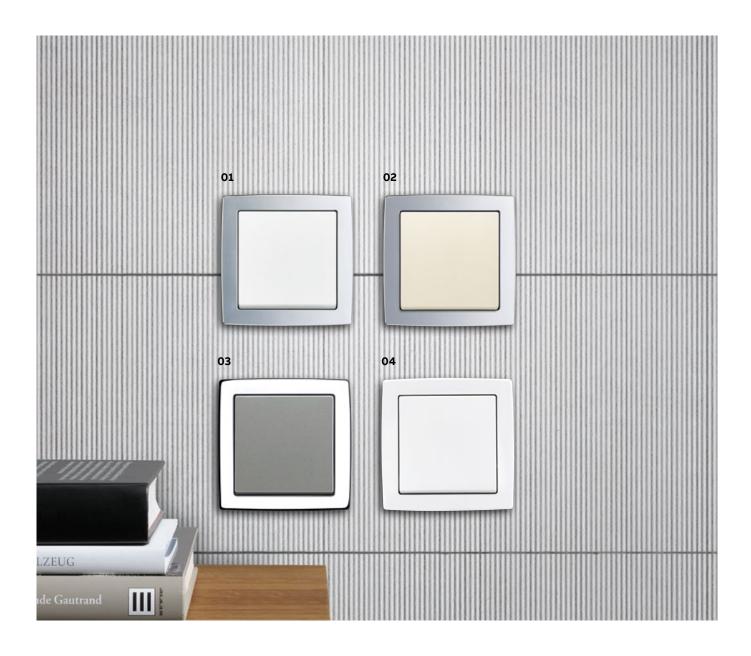
Cover frames

Product	Article-No.	Order-No.	Pack/Qty	
	Cover frame 1)			
	Cover frame 1)			
	1gang frame	****		
ur ni	Material stainless	steel.		
ia di	Anti fingerprint.	version) ID 20		
	Protection class (D	revice): IP 20		
stainless steel	1721-866K-500	2CKA001754A4500	10/100	
¹⁾ Suitable for insta	allation in trunking syst	ems with 80 mm conduit.		
	Cover frame 1)			
17 1	2gang frame			
	For vertical or hori			
	Material stainless	steel.		
15 2	Anti fingerprint.			
	Protection class (D	evice): IP 20		
stainless steel	1722-866K-500	2CKA001754A4501	10/100	
¹⁾ Suitable for insta	allation in trunking syst	ems with 80 mm conduit.		
	Cover frame ¹)			
	3gang frame For vertical or horizontal installation.			
\vdash	Material stainless	steel.		
1 1	Anti fingerprint.			
_	Protection class (D	levice): IP 20		
stainless steel	1723-866K	2CKA001754A4319	10	
¹⁾ Suitable for insta	allation in trunking syst	ems with 80 mm conduit.		
	Cover frame ¹)	'	1	
	4gang frame			
	For vertical or hori			
	Material stainless	steel.		
Ħ	Anti fingerprint.			
	Protection class (D	evice): IP 20		
stainless steel	1724-866K	2CKA001754A4320	1	
) Suitable for inst	allation in trunking syst	ems with 80 mm conduit.		
	Cover frame 1)			
H	5gang frame			
H	For vertical or hori	zontal installation.		
H	Material stainless	steel.		
\vdash	Anti fingerprint.			
	Protection class (D	evice): IP 20		
stainless steel	1725-866K	2CKA001754A4321	1	

¹⁾ Suitable for installation in trunking systems with 80 mm conduit.

Touching beauty.

Delicate shades of the cover-plates and cool chrome come together. Natural attraction. They make a harmonious unit. Let solo® switches and socket outlets shine. They will become a significant design piece of any interior. Beauty which touches every day.

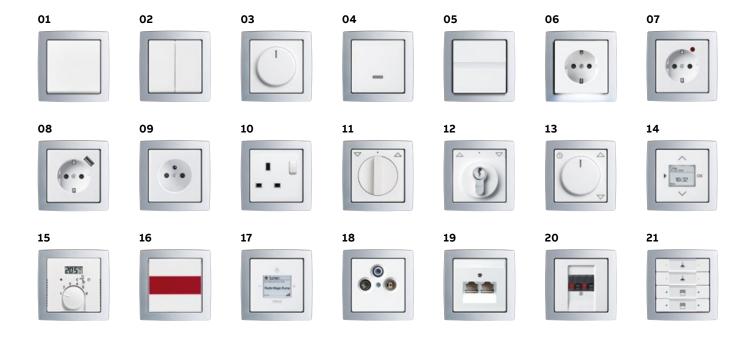


- 01 studio white (similar to RAL 9016) / chrome matt
- 02 ivory (similar to RAL 9013) / chrome matt
- 03 grey metallic / chrome gloss
- 04 studio white (similar to RAL 9016) / studio white

Materials

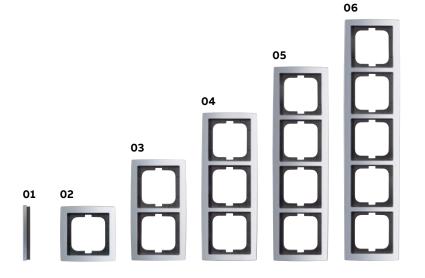
Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.

Selected functions.



- 01 Rocker switch 1gang
- 02 Rocker switch 2gang
- 03 Busch Universal Rotary Dimmer
- 04 Touch dimmer
- 05 Busch-Comfort switch
- 06 Busch-steplight®
- 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection
- 08 SCHUKO® USB socket outlet
- 09 Socket outlet with earthing pin
- 10 Switched socket outlet BS standard
- 11 Blind switch with rotary knob

- 12 Busch-Blind control switch with semi-cylindrical lock
- 13 Busch-Blind comfort switch
- 14 Comfort timer
- 15 Room thermostat with display
- 16 Busch-Infoline® alarm insert
- 17 Busch-AudioWorld® Busch-Radio iNet
- 18 Antenna socket for radio/TV/satellite
- 19 Universal data connection box
- 20 Stereo loudspeaker connecting box
- 21 KNX sensor, for more KNX products see part 12 of the catalogue Intelligent Building Solutions



1 to 5gang cover frame for horizontal and vertical installation.

- 01 Side view, 11 mm x 87 mm
- 02 87 mm x 87 mm
- 03 87 mm x 157 mm
- 04 87 mm x 228 mm
- 05 87 mm x 299 mm
- 06 87 mm x 370 mm



For more information about light switch ranges visit ABB global web sites.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
		-	



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1

1	. 2		
Igan	g 2way		
2000	/6 US-500	2CKA001012A2198	10/100
2gan	g 1way		
2000	/5 US-500	2CKA001012A1150	10/100
	- ~		
DP, 19	gang 2way ²)		
2000	/6/2 US	2CKA001012A0954	10
1gan	9		
2000	/7 US-500	2CKA001012A2199	10/100
DP, 19	gang 1way		
2000	/2 US-500	2CKA001012A2196	10/100
SP, 1g	ang 1way swit	ch	
2000	/1 US-500	2CKA001012A2059	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{2)}}$ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2400/6 US-500	2CKA001012A2232	10/100
2gang 1way		
2400/5 US-500	2CKA001012A2234	10
1gang		
2400/7 US-500	2CKA001012A2236	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20IEC 60669-1

2000/6/6US-101-500 2CKA001011A0928





Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6/6US-101-500 2CKA001022A0663

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2)

DP, 1gang 1way

For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/2 US-101-500 2CKA001012A2193 10/100

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Also for switching SCHUKO® socket outlets.



Rocker Switch Mechanism 1) 2)

3-pole, 1gang 1way switch Rated voltage: 400 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/3 US	2CKA001011A0816	10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20

IEC 60669-1

1gang 2way ²)		
2000/6 USGL-500	2CKA001012A2194	10/100
2gang 1way		
2000/5 USGI	2CKA001012A1135	10

 $^{^{} ext{\scriptsize 1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.



Rocker Switch Mechanism, control 1) 2gang 1way

with LED,

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/5 USK-500 2CKA001012A2238

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
		,	



Rocker Switch Mechanism, control 1) 2) 3)

With neon lamp.

Rated voltage: 250 V~, Rated current: 10 AX Protection class (Device): IP 20

IEC 60669-1

1gang	2way	with	N-terminal
Igalig	Lway	WILLI	M-cellillai

, ,		
2000/6 USK-500	2CKA001022A0659	10/100
DP, 1gang 1way		
2000/2 UK	2CKA001022A0656	10
	DP, 1gang 1way	DP, 1gang 1way

¹⁾ With 1 mA neon lamp

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal

With neon lamp. Rated voltage: 250 V~

2400/6 USK-500

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

1) With	1	mΑ	neon	lamp.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Push-switch mechanism 1)

SP, with normally open contact (operating current)

2CKA001022A0661

10

With N terminal.
Rated voltage: 250 V~
Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-500 2CKA001413A0574 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With 2 independent signalling contacts.

Rated voltage: 250 V~ Inputs: 1, Outputs: 1 Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-201 2CKA001413A0483 10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1) 2) 3)

SP, with normally open contact (operating current)

With illumination. With N terminal.

Rated voltage: 250 V~

Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 USGL-500 2CKA001413A1106 10/100





Push-switch mechanism 1)

With one input terminal and 2 actuating covers.

Rated voltage: 250 V~

Inputs: 1

Outputs: 2x Normally open contact

Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-205-500 2CKA001413A1105 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP, 1gang 2way

Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).

With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-206-500 2CKA001413A1104 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Protection class (Device): IP 20

ivory white	1786-82-500	2CKA001751A3083	10/100
studio white	1786-84-500	2CKA001751A3074	10/100
grey metallic 1)	1786-803-500	2CKA001751A3093	10/100

¹⁾ Surface painted.



Rocker

For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20

ivory white	1785-82	2CKA001751A2744	10/100
studio white	1785-84-500	2CKA001751A3076	10/100
grey metallic 1)	1785-803	2CKA001751A3018	10/100

¹⁾ Surface painted.



Rocker

As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20

ivory white	1785 K-82-500	2CKA001751A3124	10
studio white	1785 K-84-500	2CKA001751A3128	10
grey metallic ¹)	1785 K-803-500	2CKA001751A3130	10

¹⁾ Surface painted.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Replacement lamps 8360, 8362, and 8363 and LED inserts.

 $^{^{\}rm 3)}$ For relay and touch dimmer applications.

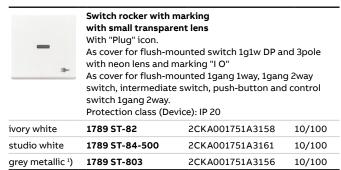
Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
-		mounted 1gang 1way, 1gan ate switch, push-button and y.	,
ivory white	1789-82	2CKA001751A2813	10
studio white	1789-84-500	2CKA001751A3091	10/100
grey metallic 1)	1789-803	2CKA001751A3013	10

¹⁾ Surface painted.

-		nounted 1gang 1way, 1gan e switch, push-button and	
ivory white	1789 N-82	2CKA001751A3148	10/100
studio white	1789 N-84-500	2CKA001751A3151	10/100
grey metallic 1)	1789 N-803	2CKA001751A3146	10/100

¹⁾ Surface painted.



¹⁾ Surface painted.

**	Switch rocker with marking With symbol. For flush-mounted switch 1g1w, 1g2w, intermediate push switch. Protection class (Device): IP 20		ediate,
ivory white	2520 LI-82	2CKA001751A3187	10/100
studio white	2520 LI-84-500	2CKA001751A3190	10/100

2CKA001751A3185

10/100

2520 LI-803

grey metallic ¹)

¹) Surface painted.

Switch rocker with markin With key symbol. For flush-mounted push sw Protection class (Device): I		d push switch.	
ivory white	2520 TR-82	2CKA001751A3197	10/100
studio white	2520 TR-84	2CKA001751A3199	10/100
grey metallic 1)	2520 TR-803	2CKA001751A3195	10/100

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
Ċ.	Switch rocker with With bell symbol. For flush-mounted p Protection class (De	oush switch.	
ivory white	2520 KI-82	2CKA001751A3177	10/100
studio white	2520 KI-84-500	2CKA001751A3180	10/100
grey metallic ¹)	2520 KI-803	2CKA001751A3175	10/100

	Switch rocker with marking with small transparent lens
_	With symbol.
_	As cover for flush-mounted 1gang 1way, 1gang 2way
.0-	switch, intermediate switch, push-button and control

switch 1gang 2way.
Protection class (Device): IP 20

ivory white 1789 LI-82 2CKA001751A2745 10

studio white 1789 LI-84-500 2CKA001751A3084 10/100

grey metallic ¹) 1789 LI-803 2CKA001751A3014 10

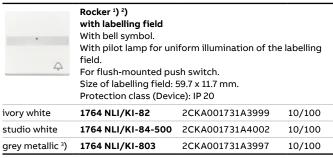
1) Surface painted.

-0	Switch rocker w with small trans With key symbol For flush-moun Protection class	sparent lens ol. ted push switch.	
ivory white	1789 TR-82	2CKA001751A2747	10
studio white	1789 TR-84	2CKA001751A2755	10
grey metallic 1)	1789 LI-803	2CKA001751A3014	10
¹) Surface painted.			

	Switch rocker with marking with small transparent lens With bell symbol.
-	For flush-mounted push switch. Protection class (Device): IP 20

ivory white	1789 KI-82	2CKA001751A2746	10	
studio white	1789 KI-84	2CKA001751A2754	10	
grey metallic ¹)	1789 KI-803	2CKA001751A3015	10	

¹⁾ Surface painted.



 $^{^{1)}} For \, compatible \, lettering \, software, \, visit \, www. BUSCH-JAEGER-labeling tool. com.$

¹⁾ Surface painted.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

³⁾ Surface painted.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	field.		3
ivory white	1764 NLI-82	2CKA001731A1876	10
studio white	1764 NLI-84	2CKA001731A1877	10/100
grey metallic 3)	1764 NLI/KI-803	2CKA001731A3997	10/100

 $^{^{1)}} For compatible lettering software, visit www. {\tt BUSCH-JAEGER-labeling tool.com}.$

 $^{^{2)}}$ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts. $^{3)}$ Surface painted.

1	
-	
0	

Switch rocker with marking with small red spherical cap

With imprint "0" and "I".

As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.

Protection class (Device): IP 20

ivory white	1788-82	2CKA001751A2742	10
studio white	1788-84	2CKA001751A2750	10/100
grev metallic 1)	1788-803	2CKA001751A3017	10

¹⁾Surface painted.



Switch rocker with marking with small red spherical cap

With marking "Heizung".

As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.

As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20

	1789 H-82 2CKA001751A2743 10			
ivory white	1789 H-82	2CKA001751A2743	10	
studio white	1789 H-84	2CKA001751A2751	10	
grev metallic 1)	1789 H-803	2CKA001751A3019	10	

¹⁾ Surface painted.



delivery form:

Card switch 10 A 1)

SP, with normally open contact (operating current)

Illuminable.
With N terminal.
Rated voltage: 250 V~
Rated current: 10 A

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

	2025 U	2CKA001012A1713	10
Mounting boxes:	35 mm deep flu or Dual Box 307	3 3	
2gang product combinations:	2gang combina APBS in Dual Bo	ation with adapter plate ox only.	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Adapter plate APBS to be ordered separate.

Product	Article-No.	Order-No.	Pack/Qty
△ CARD △	Cover plate		
23 040 23	For card switch.		
	For insert 2025 U		
_	Suitable for card	s sized 54 x 86 mm.	
	The inner part of	the cover plate is made	e of light-
	conducting plast	ic, so that the card slot	is illuminated.

	Protection class (Device): IP 20			
ivory white	1792-82	2CKA001710A3640	10	
studio white	1792-84	2CKA001710A3641	10	
grey metallic 1)	1789 H-803	2CKA001751A3019	10	

¹⁾ Surface painted.



Switch rocker with marking

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

DO NOT DISTURB

Protection class (Device): IP 20

ivory white	1786/11-82	2CKA001751A2997	10
studio white	1786/11-84	2CKA001751A2998	10
grey metallic 1)	1786/11-803	2CKA001751A3206	10

¹⁾ Surface painted.



Switch rocker with marking

For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB $\,$

MAKE UP ROOM

Protection class (Device): IP 20

ivory white	1785/11-82	2CKA001751A2991	10	
studio white	1785/11-84	2CKA001751A2992	10	
grey metallic 1)	1785/11-803	2CKA001751A3204	10	

¹⁾Surface painted.



Bell push-switch DND/MUR

with marking "Do not Disturb" and "Make up Room"

two seperate LED indicators with screw-type terminal Rated voltage: 250 V~

Rated current: 10 ABS EN 60669-1, IEC 60669-1

ivory	2029 UC-82	2CKA001751A3168	1
studio white	2029 UC-84	2CKA001751A3170	1
grev metallic 1)	2029 UC-803	2CKA001751A3166	1

¹⁾ Surface painted.



Pull switch 1)

SP, with normally open contact (operating current)

With 2-metre pull cord, red handle, and red neon indicator.

Rated voltage: 250 V~ Rated current: 10 A

2020/01 US-101 2CKA001413A1112

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

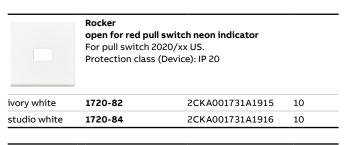
¹) Surface painted.

solo®

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Pull switch ¹) SP, break contact With 2-metre pull co indicator. Rated voltage: 250 N Rated current: 10 A	ord, red handle, and red n	eon
	2020/10 US-101	2CKA001413A1111	10

or 3060 wallbox concrete)





Cover plate 1) for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal Protection class (Device): IP 20

ivory white	1796-82	2CKA001753A0309	10
studio white	1796-84	2CKA001753A0311	10
grev metallic 2)	1796-803	2CKA001753A0307	10

¹⁾ Exchanging the available cover/cover plate.



Three-step rotary switch 1) 2)

SP, with zero position With zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2710 U 2CKA001101A0918 1/10

²⁾ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



Three-step rotary switch 1) 2) SP, without zero position

Without zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2CKA001101A0919 1/10

²⁾ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



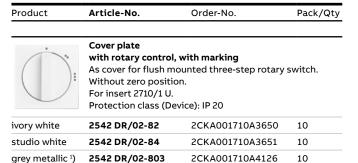
with rotary control, with marking

As cover for flush mounted three-step rotary switch. With zero position. For insert 2710 U.

Protection class (Device): IP 20

ivory white	2542 DR/01-82	2CKA001710A3645	10
studio white	2542 DR/01-84	2CKA001710A3646	10
grey metallic 1)	2542 DR/01-803	2CKA001710A4125	10

¹⁾ Surface painted.



¹⁾Install only in conjunction with wall boxes ø 60 mm.

¹⁾ Install only in conjunction with wall boxes ø 60 mm.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty		
	Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch- dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.				
	6716 U-500	2CKA006710A00	14 1		
	Can be combined	ue smart switch insert 67 d with switch ranges cara tainless steel, solo®, Buso	at®, Busch-		
ivory white	6736 FoH-82	2CKA006730A01	34 1		
studio white	6736 FoH-84	2CKA006730A01	36 1		
grey metallic 1)	6736 FoH-803	2CKA006730A01	37 1		

¹⁾ Surface painted.





Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) Flush-mounted, LED, 2-100 W

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads).

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

2CKA006512A0335

British Standard EN 60669-2-1



1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

 $^{^{\}rm 3)}$ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

 $^{^{\}scriptsize 5)}$ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{7)}\}mbox{Recommendation:}$ Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) UP, LED, 2-400 W

Very small installation depth: < 20 mm

Without claws.

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum/maximum brightness.

Low-noise level by MOSFET transistors. With electronic short-circuit protection.

With electronic overload protection.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control)

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 UR-103-500 2CKA006512A0345 1/10



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

Touch dimmer.

2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operaton of LEDi with conventional loads possible.

With adjustable minimum brightness. The minimum brightness for the leading edge control

can be adjusted using the potentiometer

The potentiometer at the left limit stop corresponds with the trailing edge control mode.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads).

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323

1/10

- $^{1)}$ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- ⁵⁾ Recommendation: Please use loads and types of one producer.
- 6) In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R. 60-600 W

With rotary control, 2way On-Off switching and

Leading Edge control.

For incandescent lamps and 230 V tungsten halogen lamps.

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1, British Standard EN 60669-2-1



2250 U-500

2CKA006515A0848

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. 2) In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{7)}}$ Recommendation: Please use loads and types of one producer.

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Provided with terminal for net disconnection devices.

1/10

solo®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty		
	Busch-rotary dim	nmer ¹) ²) ³) ⁴) ⁵)			
Barry laren	flush mounted, R	L, 20-500 W			
OPER O	With rotary contr	ol, 2way On-Off switchir	ng and		
	soft-catch.				
	Leading Edge control.				
Contract of the last of the la	For incandescent lamps, 230 V tungsten halogen				
	lamps and low-volt halogen lamps with conventional				
	transformer.				
	With adjustable minimum brightness.				
	Without cover pla	Without cover plate.			
	Rated voltage: 23	Rated voltage: 230 V~, +10 % / -10 %			
	Rated frequency:	50 Hz			
	Rated power: 20 -	Rated power: 20 - 500 W/VA			
	IEC 60669-2-1, Br	itish Standard EN 60669	9-2-1		
	RI Ö III				
	2247 U-500	2CKA006512A03	02 1/10		

- ³⁾ Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- ⁵⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) UP, RL, 200-700 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer

Short-circuit-proof, overload-protected.

With adjustable minimum brightness.

Without cover plate.

Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6520 U-500

2CKA006520A0227

- ¹⁾Illuminable with neon lamp. Neon lamp included in delivery with cover plate. $^{2)}$ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 6) Should be mounted in a seperate wallbox.





Busch-2gang switch/rotary dimmer 1) 2) 3) flush mounted, RL, 60-400 W

1 channel designed as dimmer.

1 channel designed as switch contact (1gang 2way contact element)

with leading edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

With adjustable minimum brightness.

Without cover plate.

Rated current 6A (changeover contact switch output).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 400 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6517 U-101-500 2CKA006517A0018

- $^{1)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. 3) Can be used to replace a 2gang 1way switch.



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

With rotary control, soft-catch and with trailing edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic

Low-noise, short-circuit-proof, overload-protected.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 40 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6513 U-102-500

2CKA006513A0586 1/10

- 1) Not suitable with conventional transformers.
- 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices.
- 5) Also applicable for 1gang 2way installations.
- 6) Only in conjunction with standard flush-mounting boxes according to DIN 49073,
- Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 R.C 🗘 🔼 🗴 6514 U-500 2CKA006514A0115

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RLC, 60-420 W

with soft-catch

With intelligence for universal operation.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1



6591 U-101-500

2CKA006513A0588 1/10

1

⁵⁾ Cannot be combined with a 2way switch.



Busch-rotary dimmer, extension 1) 2) flush mounted

for connection to 6591 U-101,

To be used with Busch-Dimmer®, MDRC 6583.

with soft-catch

A maximum of 5 multi-way extensions can be connected to a 6591U-101,

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz



2CKA006513A0590 6592 U-500

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, 1-10V

With rotary control.

For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.

For LED control via control gears

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %Rated frequency: 50 Hz - 60 Hz Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

2112 U-101-500 2CKA006599A2873 1/10

⁴⁾ Making-current limiters have to be provided in case of too high making currents.



Busch-rotary dimmer 1)

Flush-mounted, DALI, tunable white

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation. Fool proved.

For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K -6,500 K.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116 U 2CKA006599A3025

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

¹⁾ Not suitable with conventional transformers.

²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Provided with terminal for net disconnection devices.

⁵⁾ Also applicable for 1gang 2way installations.

¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ In the case of conventional transformers, take ~20% transformer loss into account. 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Control elements 2115-xxx and 6540-xxx.

²⁾ Required for illuminating the N-connection control element.

¹⁾ Non-illuminable.

²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Pack/Qty

solo®

Product

Dimmers

Article-No.

Busch-rotary dimmer 1) Busch-rotary dimmer 1) Flush-mounted, DALI, with internal power supply, flush mounted, DALI tunable white For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices For DALI broadcast service (via central telegram). With integrated DALI power adaptor. like electronic ballasts and transformers with DALI-For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-With rotary control and ON/OFF push operation. interface. Fool proved. With rotary control and ON/OFF push operation. Brightness power-on level and backround brightness For changing the colour temperature of "tunable white" level adjustable, buffered. lamps, which meet DALI Standard IEC 62386-209 (Device With integrated LED illumination for orientation. Type 8). Colour temperature can then be set between 2,700 K -6,500 K Up to 5 potentiometers are connectable in parallel. With electronic short-circuit protection. Max. current consumption: 15 mA

Pack/Qty

Product

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

Order-No.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA

Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116/11 U

2CKA006599A3026

Order-No.

Color of orientation light adjustable (18 presets and

Not suitable for combining with other DALI sensors or central units of other manufacturers.

An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

Article-No.

2CKA006599A2987

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Busch-rotary dimmer 1)

flush mounted, DALI, with internal power supply

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers

DALI-voltage: 15,5 V=

Rated current: max. 75 mA

Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.

Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2117/11 U-500

2CKA006599A2988

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-touch dimmer 1) 2) flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescents lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 RL ⇔ □ 6560 U-101-500 2CKA006560A1207 $^{1)}\mbox{In}$ the case of conventional transformers, take ~20% transformer loss into account. 2) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch touch-dimmer range 1) 2) 3) 4) flush mounted, RC, 45-315 W

For switching and dimming 2 independent devices. With trailing edge control.

2gang 1way

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Compatible with control covers 6545-xxx. Without cover, without cover plate.

Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British Standard EN 60669-2-1



6565 U-500 2CKA006565A0057

- 1) Not suitable with conventional transformers.
- ²⁾ In case of electronic transformers, 5 % transformer losses.
- ³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 4) Does not provide an extension input.





Busch-touch dimmer 1) 2) 3) 4) flush mounted, RLC, 60-420 W

With light-level memory and intelligence for universal operation.

Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

With touch control.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6593 U-500

In the case of conventional transformers, take ~20% transformer loss into account.

2CKA006590A0171

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



1/10

Busch-Dimmer®, capacity booster ¹) flush mounted, RLC, 200-315 W

The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 315 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6594 U-500

2CKA006590A0172

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

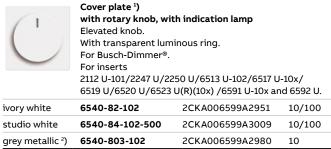
Dimmers

Product	Article-No.	Order-No.	Pack/Qty
Company of the compan	For controlling control output: For control output: For control cover For Busch-Remand 6067-xxx-10 For Comfort time For Busch-Watch Comfort II 6800 For Busch-Watch 6813/11-xxx. Combinable with 6805 U. Operation also (2020 US, 2021/For LED control Without control Rated voltage: 2 Rated frequency Rated power: 70 IEC 60669-2-1, E	on (neutral conductor reballast units for fluorescil-10 V DC, control currenter with control lamp 654: ote control IR control covox. The control lement 6455 hdog 180 flush-mounted 21x-101. The control element 6800-xxx-104 and 6800-xxx-104 and 6800-xxx-104 hdog Presence tech 681: other control element 6455 hdog 180 flush-mounted 21x-101. The control gears of Cover. The control gears of Cover. The cover. The cover of the conductor of the cover. The cover of the cover of the cover of the cover. The cover of the cover of the cover of the cover. The cover of	ent lamps with t max. 50 mA DC. 3-xxx-10x. ver 6066-xxx-10x -101-500. d Sensor d sensor 104M. 3-xxx-101 und ension insert al push buttons
	=		

¹⁾ Non-illuminable.

2CKA006550A0042

6550 U-101-500



¹⁾ Replacement neon lamp, Art. No. 3855.

²⁾ Surface painted.

-	Control element ¹) ²) ³) with neon lamp Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch- Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.				
ivory white	6543-82-101	2CKA006599A2831	1/10		
studio white	6543-84-101-500	2CKA006599A3010	1/10		
grey metallic 4)	6543-803-101	2CKA006599A2942	1/10		

¹⁾ Compatible with previous type 6543-xxx.

Product	Article-No.	Order-No.	Pack/Qty
	Control element with neon lamp Combinable with	') Busch-Memory 2gang dimm	ner 6565 U.
ivory white	6545-82	2CKA006599A2907	1/10
studio white	6545-84	2CKA006599A2908	1/10
grey metallic ²)	6545-803	2CKA006599A2943	1/10
¹⁾ Replacement ned ²⁾ Surface painted.	•		
	Cover plate		
	for cooling eleme For Busch-Univers 6594 U.	sal master dimmer power m	odule
22222222	For room temperand base for blind	ature controller object range d cover 6930/01.	e 6108/0x

2CKA006599A2832

2CKA006599A2835

2CKA006599A2940

10

10

10

6541-82

6541-84

6541-803

ivory white

studio white

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ with integrated making-current limiter

 $^{^{\}rm 2)}$ Touch-type Controller 6550 U-xxx non-illuminable.

³⁾ Replacement neon lamp 3857. 4) Surface painted.

grey metallic 1) 1) Surface painted.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty			
	Book Ustransi					
		relay switch insert				
Secret Statement		n (neutral conductor rec				
	Standard 6810-21	dog 180 flush-mounted	Sensor			
C SHEET.						
CE		dog 180 flush-mounted xxx-104 and 6800-xxx-1				
		For Busch-Watchdog 180 FP sensor for All Weather 44				
	6800-3x-102C.					
		For Busch-Watchdog Presence tech 6813-xxx-101 und				
	6813/11-xxx.					
		For comfort timer control element 6455-101-500.				
	For Busch-Remote control IR control cover 6067-xxx-10x.					
		For control cover with control lamp 6543-xxx-10x.				
		Busch-Watchdog exten	ision insert			
	6805 U.					
		ossible via conventional	push buttons			
	(2020 US, 2021/6	•				
	3	0 V~, +10 % / -10 %				
	Rated frequency:					
		Outputs: 1x Normally open contact, potential-bound				
		V incandescent lamps, 2	_			
	lamps, fluorescer	nt lamps and low-voltag	e halogen			
	lamps, that are o	perated via transforme	rs.			
	Rated current: 10	AX				
	Rated power: 230	00 W/VA				
	Temperature rang	ge (Device): -25 °C to 55	°C60669-2-1			



Busch-Universal relay switch insert

6401 U-102-500

3 wire connection (neutral conductor required). For switching lighting systems.

For Busch-Presence detector sensors 6813- to -102. Combinable with Universal slave insert 6440/05 U. Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

For Busch-Comfort switch control element 6815-to-101.

2CKA006401A0049

1/10

Rated voltage: 230 V~, +10 % / -10 %Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps that are

operated via transformers. Rated power: 2300 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm60669-2-1



6440/01 U-500 2CKA006400A0085 Product Article-No. Order-No. Pack/Qty



Universal e-contact insert 1) 2)

2-wire connection (neutral conductor not required) For switching lighting systems.

For Busch-Comfort switch control element 6815-to-101. For Busch-Presence detector sensors 6813- to -102. Combinable with Universal slave insert 6440/05 U.

Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated power: 20 - 180 W

Suitable for: Low voltage halogen lamps that are

operated via transformers. Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm60669-2-1



6440/04 U-500

2CKA006400A0088

²⁾ Neutral conductor optionally connectable (recommended for the connection of low loads).



Universal slave insert

3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations.

For communication with Universal relay insert 6440/01 U. For communication with Universal e-contact insert

For Busch-Comfort switch control element 6815-to-101. For Busch-Presence detector sensors 6813- to -102.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Control/Signal outputs: 1, electronic output, potentialbound

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm

6440/05 U-500

2CKA006400A0091

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¹⁾ Use only dimmable high-voltage LEDs.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty Prod	uct	Article-No.	Order-No.	Pack/Qty
	Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).		separate sighting), output t 1 (eg fan Sensor sensor 04M. 3-xxx-101 und er 6066-xxx-10x s-xxx-10x. sision insert		2-wire connection For Busch-Watche Standard 6810-21 For Busch-Watche Comfort II 6800-x For Busch-Watche 6813/11-xxx. Combinable with 6805 U. Operation also po (2020 US, 2021/6 Rated voltage: 23' Rated frequency: Suitable for: 230 V. lamps and low-vo transformers or B Rated power: 60 -	dog 180 flush-mounted se xx-104 and 6800-xxx-104 dog Presence tech 6813-x Busch-Watchdog extensi- possible via conventional p UK). 0 V~, +10 % / -10 % 50 Hz / incandescent lamps, 230 ltage halogen lamps with usch Electronic Transford 420 W/VA	equired) ensor M. exx-101 und on insert ush buttons O V halogen conventional mer.
	Rated frequency Outputs: 2x Norr	: 50 HZ mally open contact, pote	ential-bound			26/40060001221	0 1/10
	lamps, fluoresce	V incandescent lamps, and low-voltage operated via transforme	ge halogen ¹⁾ In ca rs. ²⁾ In th	e case of c		2CKA006800A221 transformer losses. ers, take ~20% transformer logy-saving lamps, convention	oss into account.

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

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	Ç∭L⊗∐⊗±±±			
	6402 U-500	2CKA006401A0051	1/10	
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	J		
2gang product combinations:	, , ,			
neon indicator:	r: neon lamp 3855, one neon lamp is supplied togethe control cover plates 6540-2x.			



Busch-Watchdog relay mechanism

3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated power: 700 W/VA

Temperature range (Device): 0 °C to 55 °CBritish Standard EN 60669-2-1

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6812 U-101-500 2CKA006800A2160 1/10

Busch-Watchdog extension insert ¹)

3 w For Bus

5) Cannot be used to control relais.

4) Not suitable for activating the staircase time delay.

6) Requires an NIS international socket, E-No. 372507676.

3 wire connection (neutral conductor required).
For extending Busch-Watchdog 180 flush-mounted and
Busch-Watchdog Presence tech installations.

For combination with relay insert 6401 U-102 and 6402 U.

For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor

Comfort II 6800-xxx-104 and 6800-xxx-104M.
For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Control/Signal outputs: 1, electronic output, potential-

bound

	Temperature range (Device): 0 °C to 35 °C				
	6805 U-500	2CKA006800A2161	1/10		
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.				
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.				
2gang product combinations:					

 $^{^{\}mbox{\tiny 1)}}$ Not combinable with relay switch insert 6812 U-101.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty					
	Busch-Watchdog	180 flush-mounted comfo	ort					
70								
SUPERIOR OF	with select-lens							
100 0000 - 4		For automatic switching of devices dependent on						
CONTRACTOR OF THE PARTY OF THE	motion and brigh							
	,	5401 U-102, 6402 U and 681	2 U-101.					
	For MOS-Fet inse							
	For Dimmer insert 6593 U.							
	For extension insert 6805 U.							
	With integrated selector switch for ON-AUTO							
	(lockable).							
	Soft phase-out: In combination with the 6593 U (mode							
	of operation: Sof	t OFF) the illumination is d	immed					
	down within 60 s	ec and switched off.						
	Surveillance density: 18 sectors with 72 switching							
	segments.							
	Switch-off delay: 10 sec to 30 min or short-time pulse							
	1 sec adjustable.							
	Detection range: frontal: 12 m, lateral: 8 m							
	Detection angle: 180 °							
		alue: 5 Lux Up to daytime o	pperation					
	Mounting height:	· ·						
	Protection class (
	Temperature range (Device): 0 °C to 35 °C							
ivory white	6800-82-104	2CKA006800A2099	1/10					
studio white	6800-84-104	2CKA006800A2101	1/10					

¹⁾ Please order the respective flush-mounted insert separately.

6800-803-104

grey metallic 2)



Busch-Watchdog 180 flush-mounted comfort sensor II 1) 2)

with multi-lens

For automatic switching of devices dependent on motion and brightness.

2CKA006800A2484

For down-to-ground detection.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101.

For Dimmer insert 6593 U.

For extension insert 6805 U

With integrated selector switch for ON-AUTOMATIC-OFF

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 28 sectors with 112 switching segments.

Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

Detection range: frontal: 15 m, lateral: 5 m, Mounting

Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m

Detection angle: 180 $^{\circ}$

Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

·			
ivory white	6800-82-104M	2CKA006800A2100	1
studio white	6800-84-104M	2CKA006800A2102	1/10
grey metallic 3)	6800-803-104M	2CKA006800A2485	1

¹⁾ installation: slide switch top.

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate		



Cover plate **Proximity switch**

For proximity switch 6406 U.

ivory white	6476-82	2CKA006470A0003	10
studio white	6476-84	2CKA006470A0004	10
grey metallic ¹)	6476-803	2CKA006470A0006	10

¹⁾ Surface painted.



Busch-Universal relay switch insert

3 wire connection (neutral conductor required).

For switching lighting systems.

For Busch-Comfort switch control element 6815-...-101-500.

For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500.

Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units. Operation also possible via conventional push buttons

(2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps operated by

transformers. Rated power: 2300 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

6440/01 U-500

2CKA006400A0085

²⁾ Surface painted.

²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

Pack/Qty

solo®

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty		
market Street	Universal e-conta	•			
ALC: NAME OF TAXABLE PARTY.		n (neutral conductor no	t required)		
100 m t 920	For switching ligh				
C C C C C C C C C C C C C C C C C C C		ort switch control eleme	nt		
Mark Sale	6815101-500.				
		nce detector sensor 681			
		l with Universal-Slave in	sert		
	6440/05 U-500.				
		ng 2way installations via			
		tion with flush-mounted			
		Operation also possible via conventional push buttons			
	(2020 US, 2021/6 UK).				
	2 supplementary inputs via 127 V push switch				
	. •	(e.g. 2020 US), central disablement of all outputs			
		possible, supplementary IR remote control is possible			
	via IR flying receiver 6045 E-101				
	Rated voltage: 230 V~, +10 % / -10 %				
	Rated frequency:	50 Hz - 60 Hz			
	Outputs: 1x Norm	Outputs: 1x Normally open contact, potential-bound			
	Suitable for: 230 V~ LEDi				
	Rated power: 2 - 8	80 W/VA			
	Suitable for: 230	Suitable for: 230 V incandescent lamps/230 V halogen			
	lamps				
	Rated power: 20	- 180 W			
	Suitable for: Low	voltage halogen lamps	operated by		
	transformers.				
	Rated power: 20	- 180 VA			
	Temperature rand	ge (Device): -5 °C to 45 °	C		
		W x D): 71 mm x 71 mm :			
	Mounting depth:	Mounting depth: 31 mm			
	DIN EN 60669-2-1				
		-			
		I ⊗			
	6440/04 U-500	2CKA006400A00	088 1		



Universal-Slave insert

3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations.

For communication with Universal relay insert 6440/01 U-500.

For communication with Universal-e-contact insert 6440/04 U-500.

For Busch-Comfort switch control element 6815-...-101-500.

For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Control/Signal outputs: 1, electronic output, potentialbound

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm

6440/05 U-500

2CKA006400A0091

ivory white	6815-82-101-500	2CKA006800A2830	1
	with neon lamp Movement detector/P Push switch function For switching lighting brightness and movel Extension of the dete slave combination. Additional activation/ pushbutton input. Adjustable operating (motion-controlled) s Adjustable operating switch-on, automatic switch-off. Adjustable operating manual switch-off. With continuous light Adjustment elements Surveillance density: S segments. Switch-off delay: 1 to For Busch-Universal r For Universal-e-conta For Universal-slave in Control element: 2 co switching threshold a Display elements: LED Detection range: fron height: 1.1 m Detection angle: 170 ° Brightness limit value operation Mounting height: 0.8 Protection class (Sens Temperature range (D	poush-button switch compossible at all times. If systems that depend of ment. If systems that depend of the systems of	f master/ through , automatic manual rolled) n-on, n. ing //01 U-500. brightness unting
	Busch-Comfort switc	h control element ¹) ²)	

Order-No.

2CKA006800A2836

Product

Article-No.

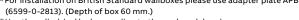
⁶⁸¹⁵⁻⁸⁰³⁻¹⁰¹⁻⁵⁰⁰ 1) Please order the respective flush-mounted insert separately.

 $^{^{2)}\}mbox{The range specifications refer to an ambient temperature of 21 °C.}$

 $^{^{\}scriptscriptstyle 3)}$ Surface painted.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty	
	Key Switch Inser	t 1) 2) 3)		
	breaking circuit,	•		
	For profile semi-	•		
		nd switched-off status the k	-	
9.53	•	central position, respectively	/.	
	Delivered without cylindrical lock.			
	Rated voltage: 250 V~ Rated current: 10 AX			
	nated carrent 10 / br			
	Protection class (Device): IP 20IEC60669-1, British Standard FN 60669-1			
	2733 USL-101	2CKA001101A0914	10	
Mounting	35 mm deep flus	h 1gang		
boxes:	or Dual Box 3070	-2/35 BSDB.		
2gang product	2gang combinati	ion with adapter plate		
combinations:	APBS in Dual Box	only.		
neon indicator:	not applicable			
delivery form:	Adapter plate AP	BS to be ordered separate.		
	n British Standard w	allboxes please use adapter plat	te APBS	



²⁾ Use the cylindrical lock according to the enclosed drawing.

See profile semi-cylindrical lock.



Blind switch insert 1) 2)

With interlock.
Rated voltage: 250 V~
Rated current: 10 AX
IEC60669-1, British Standard EN 60669-1

SP, switch	SP, switch			
2000/4 US-500	2CKA001012A2197	10/100		
SP, push switch.				
2020 /4 LIS_E00	2CK 400141241102	10/100		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete).

²⁾These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.



Blind switch insert 1) 2)

With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20

IEC 60669-1, British Standard EN 60669-1

	DP ³)				
	2712 U	2CKA001101A0534	10		
	SP, N, E				
	2713 U	2CKA001101A0542	10		
Mounting boxes:	35 mm deep flu or Dual Box 307	3 3			
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.				
neon indicator:	not applicable				
delivery form:	Adapter plate A	APBS to be ordered separate.			
¹) Only in conjuncti	on with standard f	lush-mounting boxes according to	DIN 49073,		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product	Article-No.	Order-No.	Pack/Qty



Blind switch insert 1) 2)

With rotary knob/push button. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP 3)		
2722 U	2CKA001101A0559	10
SP, N, E		
2723 U	2CKA001101A0567	10

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Also suitable for controlling direct voltage drives.



Blind switch/push-switch 1) 2) 3) 4)

For profile semi-cylindrical lock/switch and push-switch.

Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP ⁵)		
2712 USL-101	2CKA001101A0872	10
SP, N, E		
2713 USL-101	2CKA001101A0880	10

 $^{^{1)}\}mbox{For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)$

⁵⁾ Also suitable for controlling direct voltage drives.



Blind switch insert 1) 2) 3) 4)

For profile semi-cylindrical lock/push-button. Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

British Standard EN 60669-1, IEC60669-1

DP ⁵)		
2722 USL-101	2CKA001101A0898	10
SP, N, E		
2723 USL-101	2CKA001101A0906	10

 $^{^{1)}}$ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

 $[\]ensuremath{^{2}}$ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Also suitable for controlling direct voltage drives.

 $^{^{\}mbox{\scriptsize 2}}$ Blind switches/push switches prevents fast change over between operating directions.

²⁾ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Use the cylindrical lock according to the enclosed drawing.

See semi-cylindrical lock.

 $^{^{\}rm 2)}$ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Total length 40 m	tandard DIN 18252. nm s and push switches 2713/2722/2723/2733 USL-10 x.	01 and
	different lock me	echanism, with 3 keys	
	0520 PZ-VS	2CKA000470A0013	1/100
	lock mechanism,	with 3 keys	
	0521 PZ-GS	2CKA000470A0021	1/100
		. 13.23	
To the state of th	For the manual ar The roller blind m knob. Executes th commands (UP/E	d positioning function and automatic control of rolle aves to the position set usin be individually programmed bown) in a 24-hour rhythm blind drives with mechanica	ng the turn switching

Suitable for operation without neutral conductor.

Power reserve of 45 minutes (maintenance-free as

Without an extension input.

Rated frequency: 50 Hz

Rated power: 300 VA

capacitor).



 $^{^{\}mbox{\tiny 2)}}$ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

Temperature range (Device): 0 °C to 35 °C

Rated voltage: 230 $V\sim$, +10 % / -10 %

Outputs: 2x Normally open contact Rated current: 1.3 A, $\cos \phi$ 0.5

³⁾ Only suitable for single unit control.



Basic blind insert 1) 2)

2-wire blind insert

Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.

2CKA006410A0390

1/10

Suitable for operation without neutral conductor.

Without an extension input.

For control cover 6430-xx-xxx.

For standard timer control element 6456-101.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact

Rated current: 3 A, $\cos \phi$ 0.5

Rated power: 690 VA

Temperature range (Device): 0 °C to 35 °C

	6418 U-500	2CKA006410A0376	1/10
Mounting boxes:	35 mm deep flush or Dual Box 3070-	5 5	
2gang product combinations:	2gang combination	on with adapter plate only.	

¹⁾ N-conductor connection required for operation with control cover 6430-7x,

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Blind cont	rol II switch insert 1)	
1	Suitable for blind	, roller blind and awning	g drives with
	mechanical or ele	ctronic limit switch shu	ut-off.
8	With two 230 V m	ulti-way input terminal	s (Up/Down) for

group control. With operating mode switch for the following modes: normal, louvre, base station, position.

With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx.

Wind alarm, cleaning functions can be accommodated via extension input.

For control cover 6430-xx-xxx. For IR control element 6066-xx-xxx.

For comfort timer control element 6455-101-500.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact

Rated current: 3 A, cos φ 0.5 Rated power: 690 VA

Control/Signal outputs: 2 Temperature range (Device): 0 °C to 35 °C

6411 U-500-101 2CKA006410A0378 1/10

¹⁾ Compatible with types 6411 U/x.



Brightness sensor

For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.

6414-101 2CKA006410A0389 1/10



Sun sensor

For insert 6411U/S-101. Measuring range: 5-50,000 lux.

6482 2CKA006410A0203

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
9000	consumers. With control cove Minimum timer t Maximum timer Rated voltage: 23 Rated frequency	er mmed switching of electrical er, without cover plate. cime: 1 second. time: 9:59:59 hours. 30 V~, +10 % / -10 % : 50 Hz mally open contact 0 A, cos ф 1	
			COCCO 2.1
		ge (Device): 0 °C to 35 °CIEC	60669-2-1,
	Temperature ran	nge (Device): 0 °C to 35 °CIEC EN 60669-2-1	1/10
Mounting boxes:	Temperature ran British Standard	ge (Device): 0 °C to 35 °CIEC EN 60669-2-1 2CKA006410A0393 h 1gang	
-	Temperature ran British Standard 6465 U-101-500 35 mm deep flus or Dual Box 3070 1gang frame 172:	ge (Device): 0 °C to 35 °CIEC EN 60669-2-1 2CKA006410A0393 h 1gang -2-/35 BSDB.	
boxes:	Temperature ran British Standard 6465 U-101-500 35 mm deep flus or Dual Box 3070 1gang frame 172: or Dual Box fram	ge (Device): 0 °C to 35 °CIEC EN 60669-2-1 0 2CKA006410A0393 h 1gang 0-2/35 BSDB. 1 BS-2xG ie 1722 BSDB-2xG. ion with adapter plate	

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

△	Rocker with marking As cover for flush-m switch. For inserts 2000/4 Protection class (De	•	ch/push
ivory white	1785 JA-82	2CKA001751A2748	10
studio white	1785 JA-84-500	2CKA001751A3088	10/100
grey metallic 1)	1785 JA-803	2CKA001751A3020	10

¹⁾ Surface painted.



Cover plate with rotary control, with marking

As cover for flush-mounted blind control switch/push switch.

For inserts 2712 U, 2713 U and 2722 U, 2723 U. Protection class (Device): IP 20

ivory white	1740-82	2CKA001710A3154	10
studio white	1740-84	2CKA001710A3172	10/100
grev metallic 1)	1740-803	2CKA001710A3840	10

¹⁾ Surface painted.



Cover plate 1) with labelling field

With marking.

For half-cylindrical type switches and blind control switch/push-switch.

For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.

Protection class (Device): IP 20

ivory white	1755 SL/PZ-82-101	2CKA001710A3157	10	
studio white	1755 SL/PZ-84-101	2CKA001710A3175	10	
grey metallic ²)	1755 SL/PZ-803-101	2CKA001710A3841	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty



Control element

For Busch-Blind control II insert 6411 U-101,

6411 U/S-101.

For basic blind insert 6418 U.

For Busch-Universal 2gang 1way insert 6402 U.

ivory white	6430-82-102	2CKA006430A0327	1/10
studio white	6430-84-102-500	2CKA006430A0400	1/10
grey metallic 1)	6430-803-102	2CKA006430A0350	1/10

¹⁾ Surface painted.



Cover plate 1) with rotary knob

For comfort blinds insert 6419 U.

ivory white	6436-82	2CKA006430A0356	10
studio white	6436-84	2CKA006430A0358	10
grev metallic 2)	6436-803	2CKA006430A0360	10

¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.

²⁾ Surface painted.



Standard timer control element 1)

For manual and time-controlled switching of blinds and roller blinds.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Programming possible only with control element attached and energized.

2 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined. $\,$

For basic blind insert 6418 U.

Temperature range (Device): 0 °C to 35 °C

6456-101	2CKA006410A0398	1/10	
----------	-----------------	------	--

¹) See respective cover plates 6435-xx.

²⁾ Surface painted.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty



Comfort timer control element 1)

For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time. Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation

Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function. Freely adjustable temperature and brightnessdependent sun protection function.

Freely adjustable twilight function.

User-adjustable running times for blinds and air conditioning.

Programming possible only with control element attached and energized.

6 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For Busch-Universal relay switch insert 6401 U-102. For Busch-Universal master dimmer insert 6593 U. For LED dimmer insert 6524 U and 6526 U.. For Busch-Memory touch-type controller 6550 U-101.

Temperature range (Device): 0 °C to 35 °C

6455-101-500 2CKA006410A0399

 $^{^{1)}}$ See respective cover plates 6435-xx.



Time switch mechanism 16 A 1) 2) DP, break contact for staircases, exterior lighting, fans,

Running time: 15 min

For time-programmed switching of electrical consumers.

Rated voltage: 230 V~, +10 % / -10 %Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20

2CKA001043A0025 1070 U





Time switch mechanism 16 A 1) 2)

DP, break contact for staircases, exterior lighting, fans,

Running time: 120 min

For time-programmed switching of electrical

Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A. cos & 0.25 Protection class (Device): IP 20

2CKA001043A0124

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101.

For Busch-CO2 sensor 1091 U-500.

ivory white	6435-82	2CKA006430A0304	10
studio white	6435-84	2CKA006430A0306	10
grev metallic 1)	6435-803	2CKA006430A0351	10

¹⁾ Surface painted.



Cover plate

with rotary knob, with marking For Busch-Timer insert 1070 U.

Running time: 15 min

Protection class (Device): IP 20

ivory white 1770-82-103		2CKA001753A0256	10
studio white	1770-84-103	2CKA001753A0258	10
grey metallic 1)	1770-803-103	2CKA001753A0254	10

¹⁾ Surface painted.



1/10

Cover plate with rotary knob, with marking

For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20

ivory white	1771-82-103	2CKA001753A0266	10	
studio white	1771-84-103	2CKA001753A0301	10	
grey metallic 1)	1771-803-103	2CKA001753A0264	10	

¹⁾ Surface painted.

 $^{^{\}mbox{\tiny 2)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ For screw-fixing only

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty		
0	SCHUKO® socket or with screwless tern DP (2 P + E)				
a a	Rated voltage: 250 V~ Supply voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20				
ivory white	20 EUC-82-500	2CKA002011A6214	10/100		
studio white	20 EUC-84-500	2CKA002011A6207	10/100		
grey metallic ¹)	20 EUC-803-500	2CKA002011A6216	10/100		

¹⁾ Surface painted.



SCHUKO® socket outlet 1) shuttered

With screwless terminals.

DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

		,				
ivory white	20 EUCKS-82-500	2CKA002013A5376	10/100			
studio white	20 EUCKS-84-500	2CKA002013A5372	10/100			
grev metallic 2)	20 FUCKS-803	2CK 400201345297	10/100			

¹⁾ Increased shock protection .

²⁾Surface painted.



SCHUKO® socket outlet without claw ¹) shuttered

Without claws.

With screwless terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

ivory white	20 EUCRB-82	2CKA002013A5438	10/100
studio white	20 EUCRB-84-500	2CKA002013A5441	10/100
grey metallic ²)	20 EUCRB-803	2CKA002013A5436	10/100

 $^{^{\}mbox{\tiny 1)}}\mbox{Increased shock protection}$.

²⁾ Surface painted.



SCHUKO® socket outlet 1) 2)

shuttered

With screw-type terminals.

DP(2P+E)

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

ivory white	2300 EUCB-82	2CKA002013A5449	10/100
studio white	2300 EUCB-84	2CKA002013A5451	10/100
grev metallic 3)	2300 EUCB-803	2CKA002013A5447	10/100

 $^{^{1)}}$ Increased shock protection .

Product	Article-No.	Order-No.	Pack/Qty



SCHUKO® USB socket outlet 1) 2) 3)

shuttered

With screwless terminals.

DP (2 P + E)

For supply and support of mobile devices via USB-cable.

With USB female connector type A.

With electronic short-circuit protection.

With electronic overload protection.

Simultaneous charging via USB connection and use of

the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 %

Suitable for: SCHUKO® socket outlet

Rated current: 16 A

Suitable for: USB connection

Rated current: 700 mA

Rated frequency: 50 Hz

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

ivory white	20 EUCBUSB-82-500 2CKA002011A6177	1
studio white	20 EUCBUSB-84-500 2CKA002011A6179	1/10
grey metallic 4)	20 EUCBUSB-803-500 2CKA002011A6180) 1

 $^{^{1)}\}mbox{Connecting terminals}$ approved in accordance with VDE 0620-1 as connectors.

⁴⁾ Surface painted.



Busch-Socket outlet 1)

shuttered

With screwless terminals.

DP (2 P + E)

With eject mechanism. Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

20 EUCBDR-82 ivory white 2CKA002013A5416 10 studio white 20 EUCBDR-84 2CKA002013A5418 10 grey metallic ²) 20 EUCBDR-803 2CKA002013A5414 10

²⁾ Surface painted.



SCHUKO® socket outlet steplight® 1) 2) With night orientation light

with separate connection cables for switch contact.

with LED, Shuttered. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

ivory white	20 EUCBLI-82	2CKA002013A5292	1
studio white	20 EUCBLI-84	2CKA002013A5294	1
grey metallic ³)	20 EUCBLI-803	2CKA002013A5458	1

 $^{^{1)}}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ With screw-type terminals

³⁾ Surface painted.

²⁾ No data transfer

³⁾ Use dust cover 2098 when cleaning the device.

¹⁾ Increased shock protection .

²⁾ Resistant to aggressive media, e.g. ammonia, benzine, oils, greases, alcohol, cleansing agents, in normal concentrations.

³⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
0	SCHUKO® socket of with labelling field DP (2 P + E) Size of labelling field Rated voltage: 250 Protection class (December 250)	d: 60 x 9 mm. V~, Rated current: 16 A		n 0 0 0	SCHUKO® socket of with LED control list Shuttered. DP (2 P + E) With transparent let LED colour green.	ght ens.	
ivory white	20 EUN-82	2CKA002011A3726	10		Rated voltage: 250 Rated current: 16 A		
studio white	20 EUN-84-500	2CKA002011A6209	10/100		Protection class (D	evice): IP 20	
grey metallic ²)	20 EUN-803	2CKA002011A3876	10	ivory white	20 EUCBL-82	2CKA002013A5284	10
•	,	www.BUSCH-JAEGER-labelin	gtool.com.	studio white	20 EUCBL-84	2CKA002013A5286	10
²⁾ Surface painted.				grey metallic 1)	20 EUCBL-803	2CKA002013A5456	10
	SCHUKO® socket o	• •		¹⁾ Surface painted.			
0	Size of labelling fiel With screwless tern DP (2 P + E) Shuttered.	ninals. V~, Rated current: 16 A		sv t	SCHUKO® socket of with marking With screwless terr DP (2 P + E) Rated voltage: 250 Rated current: 16 A	minals. V~	
ivory white	20 EUCNB-82	2CKA002013A5428	10		Protection class (D	evice): IP 20	

 $^{^{1)}} For \ compatible \ lettering \ software, visit \ www. BUSCH-JAEGER-labeling tool. com.$

2CKA002013A5431

2CKA002013A5426

grey metallic 3)

studio white



SCHUKO® socket outlet 1) with marking "EDV"

20 EUCNB-84-500

20 EUCNB-803

With screwless terminals.

DP (2 P + E)

Shuttered.

Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20

ivory white	20 EUCKS/DV-82	2CKA002013A5267	10
studio white	20 EUCKS/DV-84	2CKA002013A5268	10
grey metallic ²)	20 EUCKS/DV-803	2CKA002013A5462	10/100

¹⁾ Increased shock protection .

³⁾ Surface painted.



Busch-Protector® SCHUKO® socket outlet 1) with overvoltage protection

DP (2 P + E)

With integrated and external signalling contact.

ISN = 5 kA. Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.

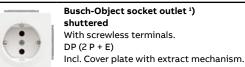
Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.

Arrestor test class: classification Type 2 Rated voltage: 250 V~, Secondary: 250 V~

Rated current: 16 A

	Protection class (Device): IP 20			
ivory white	2310 EUGL/VA-8	2-11 2CKA002011A3831	1	
studio white	2310 EUGL/VA-8	4-11 2CKA002011A3833	1	
grey metallic ²)	2310EUGL/VA-80	03-11 2CKA002011A3877	1	
red RAL 3020	2310 EUGL/ VA-12-82-101	2CKA002011A6257	1/10	

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.



Rated voltage: 250 V~

Rated current: 16 A

20 EUC-13-82-101

20 EUC-14-82

Protection class (Device): IP 20

ivory white	20 EUAB-82	2CKA002013A5405	10	
studio white	20 EUAB-84	2CKA002013A5407	10	
grey metallic ²)	20 EUAB-803	2CKA002013A5403	10	

¹⁾ Increased shock protection .

Green, RAL

orange RAL

6032

2004

10/100

10



FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) 1) 2) 3) with earth leakage circuit breaker

2CKA002011A6260

2CKA002011A3723

10

Shuttered. DP cut off (P,N)

Without PE monitoring.

With connecting conductor and protection of

downstream socket outlets. Rated fault current: 30 mA.

With fixing claws.

Rated frequency: 45-60 Hz. Rated voltage: 230 V~

Rated current: 16 A Protection class (Device): IP 20

Temperature range (Device): -25 °C to 40 °C

ivory white	3120 EUCB-82	2CKA003116A0661	1
studio white	3120 EUCB-84	2CKA003116A0662	1
grey metallic 4)	3120 EUCB-803	2CKA003116A0666	1/10

 $^{^{1)}}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

 $^{^{2)}}$ Increased shock protection .

³⁾ Surface painted.

²⁾ Surface painted.

²⁾ Surface painted.

 $^{^{\}mbox{\tiny 2)}}$ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

³⁾ Increased shock protection .

⁴⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
•	Protection of do Rated fault currer DP cut off (P,N) With fixing claws Rated frequency: Rated voltage: 23 Rated current: 16 Protection class (ge breaker with connecting wnstream consumers. nt: 30 mA. 45-60 Hz. 10 V~ A	conductor
ivory white	3151 UC-82	2CKA003117A0005	1/10
studio white	3151 UC-84	2CKA003117A0006	1/10
grey metallic ²)	3151 UC-803	2CKA003117A0008	1/10

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

²⁾ Surface painted.



SCHUKO® socket outlet with hinged lid

With screwless terminals.

DP (2 P + E)

Hinged lid notches when opened.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

ivory white 20 EUK-82 2CKA002018A1465 10 studio white 20 EUK-84-500 2CKA002018A1509 10/100 grey metallic 1) 20 EUK-803 2CKA002018A1493 10

¹⁾ Surface painted.



SCHUKO® socket outlet 1)

with hinged lid and internal increased shock protection

Shuttered.

With screwless terminals.

DP (2 P + E) with hinged lid

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

ivory white	20 EUKB-82	2CKA002018A1518	10/100
studio white	20 EUKB-84	2CKA002018A1520	10/100
grey metallic ²)	20 EUKB-803	2CKA002018A1516	10/100
ivory 3)	20 EUKBR-82	2CKA002018A1527	10/100
studio white 3)	20 EUKBR-84	2CKA002018A1529	10/100
grey metallic ²) ³)	20 EUKBR-803	2CKA002018A1525	10/100

¹⁾ Increased shock protection .

Product	Article-No.	Order-No.	Pack/Qty



SCHUKO® socket outlet 1) 2) 3) with hinged lid and labelling field

Shuttered.

With screwless terminals.

DP (2 P + E)

with hinged lid

Size of labelling field: 60 x 9 mm.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20			
ivory white	20 EUKNB-82	2CKA002018A1538	10/100
studio white	20 EUKNB-84	2CKA002018A1540	10/100
grey metallic 4)	20 EUKNB-803	2CKA002018A1536	10/100

¹⁾ Increased shock protection.

⁴⁾ Surface painted.



SCHUKO® socket outlet 1)

with hinged lid and lock

Shuttered.

With screwless terminals.

DP (2 P + E)

With different lock mechanism.

Delivery includes 2 keys.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20

ivory white	20 EUKNBSL-82	2CKA002018A1559	10
studio white	20 EUKNBSL-84	2CKA002018A1563	10
grey metallic 2)	20 EUKNBSL-803	2CKA002018A1555	10

¹⁾ Increased shock protection .

²⁾ Surface painted.



SCHUKO® socket outlet 1) with hinged lid and lock

Shuttered.

With screwless terminals.

DP (2 P + E)

With evenly engaging lock.

Delivery includes 2 keys.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20

ivory white	20 EUKNBSL-82-101	2CKA002018A1560	10
studio white	20 EUKNBSL-84-101	2CKA002018A1564	10
grey metallic ²)	20 EUKNBSL-803-101	2CKA002018A1556	10

¹⁾ Increased shock protection .

²⁾Surface painted.



SCHUKO® socket outlet 1) 2) 3)

with hinged lid, labelling field and LED control light

Shuttered.

With screwless terminals.

DP (2 P + E)

with hinged lid

Size of labelling field: 60 x 9 mm.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20

ivory white	20 EUKNBL-82	2CKA002018A1549	10/100
studio white	20 EUKNBL-84	2CKA002018A1551	10/100
grey metallic 4)	20 EUKNBL-803	2CKA002018A1547	10/100

¹⁾ Increased shock protection .

²⁾ Surface painted.

³⁾ Without claw.

²⁾ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{\}rm 2)}$ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{\}scriptscriptstyle 4)}$ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet 1) shuttered Without claws. With screw-type t DP Suitable for 1gane Rated voltage: 25 Rated current: 16	g flush-mounted boxes. 0 V~	
ivory white	2300 UCRKS-82-	503 2CKA002113A0510	10
studio white	2300 UCRKS-84-	• 503 2CKA002113A0511	10
grey metallic ²)	2300 UCRKS-803	3-503 2CKA002113A5341	10

¹⁾ Increased shock protection .

²⁾ Surface painted.



Socket outlet 1) 2) with earthing pin

With screwless terminals. Shuttered. DP (2 P + E). For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Suitable for the countries like Poland, Czech Republic. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: Socket outlet connection Rated current: 16 A Suitable for: USB connection

Rated current: 700 mA

Protection class (Device): IP 20, SELV

Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

ivory white	20 MUCBUSB-82-500	2CKA002017A0875	1
studio white	20 MUCBUSB-84-500	2CKA002017A0876	1
grey metallic ³)	20 MUCBUSB-803-500	2CKA002017A0892	1

¹⁾ No data transfer.

³⁾ Surface painted.



Shaver socket outlet

For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 20 VA

ivory	2332 UJBS-82	2CKA002130A0290	1
studio white	2332 UJBS-84	2CKA002130A0292	1
grey metallic 1)	2332 UJBS-803	2CKA002130A0296	1

¹⁾ Surface painted.



Flush-mounting wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20

Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm

3030	2CKA001741A0067	4	

Product	Article-No.	Order-No.	Pack/Qty



Flush-mounting cavity wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx.

Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm

3031 2CKA001741A0068 4



13 A Switched socket outlet

1gang

With screw-type terminals.

SP switched

Without claws

Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.

Rated voltage: 250 V~

Rated current: 13 ABS 1363: part2

ivory	2190 EUC-82	2CKA002190A0213	10/100
studio white	2190 EUC-84	2CKA002190A0215	10/100
grey metallic 1)	2190 EUC-803	2CKA002190A0224	10/100

¹⁾ Surface painted.



2gang European/American socket outlet, 10A

2gang

With screw-type terminals.

SP switched

Without claws.

Rated voltage: 250 V~

Rated current: 10 A

delivery on request 2192-02 UC-82-500

ivory white 2192-02 UC-82-500 delivery on request

studio white 2192-02 UC-84-500



Socket outlet 1) with earth pin

With screwless terminals.

Suitable for the countries: Belgium, Poland, Czech

Republic. DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

20 M-500 2CKA002017A0854 10/100

 $^{\mbox{\tiny 1)}}$ Insert can be used for all covers 2399 UCKS-xx.



Socket outlet cover frame

shuttered

For socket outlet insert 20 M-500. Rated voltage: 250 V~

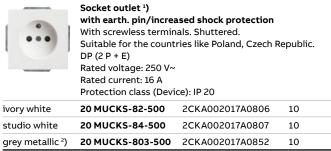
ivory	2399 UCKS-82	2CKA002099A0211	10
studio white	2399 UCKS-84	2CKA002099A0214	10
grey metallic ¹)	2399 UCKS-803	2CKA002099A0253	10

¹⁾ Surface painted.

 $^{^{2)}}$ Use dust cover 2098 when cleaning the device.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet with earthing pin With screwless ter Suitable for the co DP (2 P + E) Rated voltage: 250 Rated current: 16 / Protection class (I	ountries like Poland, Czech l O V~ A	Republic.
ivory white	20 MUC-82-500	2CKA002017A0785	10/100
studio white	20 MUC-84-500	2CKA002017A0786	10/100



¹⁾ Socket outlet with integrated child protection. Replaces the usual term"...with child protection".

²⁾ Surface painted.

studio white	2193 EUC/10-84-500
	delivery on request
ivory white	2193 EUC/10-82-500
	delivery on request
	According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A Rated current: 10 A
	Chinese socket outlet, 10 A 1gang With screw-type terminals. Without claws.



Chinese socket outlet, 16 A

1gang

With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1

Rated voltage: 250 V~ Rated current: 16 A

	delivery of request	
ivory white	2196 EUC/16-82-50	

delivery on request

studio white 2193 EUC/16-84-500



Chinese and Euro American socket outlet, 10 A

With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1

Rated voltage: 250 V~ Rated current: 10 A

delivery on request

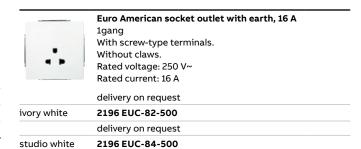
ivory white 2195 EUC/10-82-500 delivery on request studio white 2195 EUC/10-84-500

Product	Article-No.	Order-No.	Pack/Qty
	International soc	ket outlet 13A ¹)	
_	1gang		
	With screw-type to Without claws.	terminals.	
4 10	Rated voltage: 25	∩ V~	
	Rated current: 13		
	delivery on reque	st	
ivory white	2197 EUC-82-50	0	
	delivery on reque	st	

 $^{^{\}mbox{\tiny 1)}}\mbox{Usage}$ may be restricted in certain countries.

2197 EUC-84-500

studio white



Pack/Qty

solo®

Data communication

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.
	WLAN access point, flush-mounted ¹) ²) power supply from mains power Operation as WLAN access point for the connection of WLAN terminal devices to the LAN. Operation as WLAN repeater for extending the transmission range of a WLAN. Operation as WLAN adapter for integrating Ethernet terminal devices into a WLAN. Supports WLAN standards IEEE 802.11b/g/n with				outlet ¹) 2 x outlets, 8/8- With down-leadir For 8-pole plug, l	ng outlet. RJ 11/12, RJ 45, ISD g to IEC 60 603-7-2
	, ,	ed WLAN antenna.	la via a anno		0215	2CKA00023
	terminals (10/100	Backward connection of an Ethernet cable via screw terminals (10/100 Mbit/s). Front-side Ethernet connection via a RJ45 socket			35 mm deep flus or Dual Box 3070	
	(10/100 Mbit/s). The three connections (WLAN, Ethernet/screw terminals			2gang product combinations:	2gang combinat APBS in Dual Box	ion with adapter pl
	and Ethernet/RJ4 integrated switch	and Ethernet/RJ45)can be used in parallel via the		neon indicator:	not applicable	
	Power supply via 2-pole connecting terminal. Nominal voltage: 100 - 240 V~ For mounting in commercially available deep flushmounted and hollow-wall boxes. Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 8186/31-101-500 2CKA008100A0359 1			¹) Suitable for cove	r plate 1803-02-xxx.	
					1gang With down-leadi	n box, RJ 45, cat. 6a ng outlet and LSA s for networks accord

¹⁾ Suitable for cover plate 1803-xxx.

Reset magnet



For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.

Protection class (Device): IP 20

8186/11-500 2CKA008100A0361



Universal data connection unit, cat. 3 1) 1gang

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

0213-500 2CKA000230A1549 10/100

¹⁾ Suitable for cover plate 1803-xxx.



Universal data connection box with down-leading

2gang internally parallel connected

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

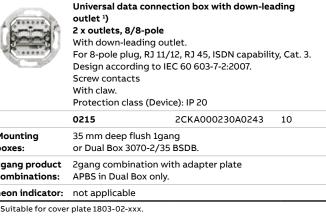
Screw contacts

With claw.

Protection class (Device): IP 20

	0214	2CKA000230A0235	10/100
Mounting boxes:	35 mm deep fl or Dual Box 30	3 3	
2gang product 2gang combination with adapter plate combinations: APBS in Dual Box only.			

neon indicator: not applicable 1) Suitable for cover plate 1803-02-xxx.





6a iso, shielded 1)

self-cutting clamps. ording to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to

ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the

back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for RJ 11. RJ 12 und RJ 45.

For data cables with a diameter of 6-10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without claws

Mounting depth: 31 mm.

Protection class (Device): IP 20

2CKA000230A0409 0218/11-101 1/10

 $^{^{2)}}$ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

¹⁾ Suitable for cover plate 1803-xxx.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
		n box, RJ 45, cat. 6a iso, s	hielded ¹)
	RJ-45 terminals EA (10 Gbits/s / Equates to cat. 6 ISO/IEC 11801:20 Terminal markin Typ according to Shielding accord Up to 500 MHz o Suitable for 10-G Suitable for PoE contact durabilit Flex cable entrie Earthing of hous back possible. Re-embedded pi Suitable for Mix- Suitable for RJ 1: For data cables of	ng outlet and LSA self-cur for networks according to 500MHz). 5a, Class EA according to 011-06. g A and B according to The 5 EN 60 603-7-51:2011-01. ling to DIN EN 55022, Class on all pairs of wires. sigabit Ethernet. + according to IEEE 802.3: cy. s from all sides without b sing via 6,3 mm blade terr roofed. and-Match operation. 1, RJ 12 und RJ 45. with a diameter of 6-10 m ins. flush-mounted wall booms. 5 24-22.	o Cat 6A, Class A/EIA-568-B.2. Is B. at, >- 1.000 uckles. ninal at the nm. xes and

¹⁾ Suitable for cover plate 1803-02-xxx.



Universal data connection box 8(6)/ telephone unit 6F+N - connection box 1)

2 x 6-pole

with straight outlet,

with screw contacts.

Universal data-connection boxes: RJ 11/12,

ISDN capable Cat. 3 in acc. with IEC 603-7/German

Standard DIN EN 60603-7,

Telecommunication outlet (telephone unit): for 1 telephone, 1 auxiliary device or 1 data transmission unit,

With claw. Protection class (Device): IP 20

UAE 8(6)TAE 6 F+N 2CKA000230A0381 white

¹⁾ Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.



Satellite co-axial outlets

2 connectors/dead-end feeder

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

2CKA000230A0250 10/100



Antenna socket insert Radio/TV 2 connectors/loop through type

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

0231-101 2CKA000230A0268 10/100 Product Article-No. Order-No. Pack/Qty



Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder

Broadband technology 47-2.150 MHz.

SAT connection designed as screwable F-male plug.

with remote feed via F-bush

For DVB-T and broadband-cable-systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

0232-101-500 2CKA000230A0463 10/100





Protection class (Device): IP 20

0239 2CKA000230A0201 10/100



Mounting plate 1) 2) with green insert

For 2 modular jack inserts.

For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws.

Protection class (Device): IP 20

1810-500 2CKA001753A9974

²⁾ For further information, please refer on the Internet.



10/100

Mounting plate 1) 2)

with red insert

For 2 modular jack inserts.

Suitable for Art. Nos. 0210, 0211 and 0219-101.

For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena,

Thomas & Betts

For Telegärtner AMJ/UMJ connection modules/ couplings.

For 2 fiber optic modules of the following types:

3M-Volition, Krone, mvk. Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm.

Without claws.

Protection class (Device): IP 20

1812-500 2CKA001753A9972 10/100

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

 $^{^{\}mbox{\tiny 2)}}\mbox{For further information, please refer on the Internet.}$

Data communication

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Mounting plate ¹) ²) with black insert For MTRJ or 2 modular jack inserts. For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.				modules 0219. For channel and	odation of one or two uni under-floor installation. whone connection unit cov 6-xxx.	
	For 2 fiber optic tyco Electronics	modules of the followin MTRJ.	g types: AMP /		0219/13	2CKA000230A039	96 1/10
	Pitch dimensions Without claws. Protection class	s: (WxH) approx. 14.8 x 2 (Device): IP 20	20.4 mm.		Universal modul	e, RJ 45, cat. 6a iso, shiel	ded ¹)

10/100

1814-500



Mounting plate 1) 2) with blue insert

For 2 modular jack inserts.

For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45

2CKA001753A9973

2CKA001710A3100

Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.

Without claws.

Protection class (Device): IP 20

1) Compatibility with other manufacturers not listed is to be checked in accordance

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with orange base

For 2 modular jack inserts.

For system: LexCom 150 and LexCom 250.

Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.

Without claws.

Protection class (Device): IP 20

10/100 2CKA001753A8056 1819

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with grey base

For 2 modular iack inserts.

For system: Panduit MiniCom (Cu. z.B. TX6 10 Gia Shielded Jack modules and fiber optic modules.

Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws.

Protection class (Device): IP 20

1820 2CKA001753A8057

²⁾ For further information, please refer on the Internet.



Flush-mounted assembly adapter

For the accommodation of one or two universal modules 0219.

For flush-mounted installation.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

Protection class (Device): IP 20

0219/12 2CKA000230A0395 1/10



Also suited for mounting into cover plate 2561-xxx. 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class

EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Cat. 6A according to ISO/IEC 11801: 2011-06. Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.

Bend-radius optimised cable feed (30°).

Earthing of housing via 6,3 mm blade terminal at the back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

For 8-pole plug RJ 45 only.

Housing made from diecast zinc.

With integrated dust-protection cap (can be removed if necessary).

With insulation displacement connection

For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Protection class (Device): IP 20

0219-101 2CKA000230A0413

¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.



Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).

Protection class (Device): IP 20

0210 2CKA000225A0078 10



Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm2 (AWG 22).

Protection class (Device): IP 20

2CKA000225A0086

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

with specified snap-in dimensions.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

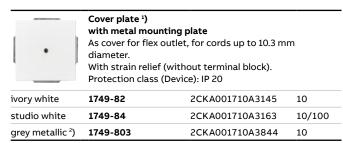
Data communication

Product	Article-No.	Order-No.	Pack/Qty
ONE	Built-in jack For potential bala in cover plates. For devices of 19 r Protection class (I	····· alaineten	nstallation
	0471-0-0037	2CKA000471A0037	10
1	0037 acc. to Germ	2095 UC-212 and built-in jac an Standard DIN 42801. ncing jack cover plate (conr I or soldered)	
	0299-0-0032	2CKA000299A0032	10
	Blank plate with metal mount	ting plate	,

ivory white	1742-82	2CKA001710A3143	10	
studio white	1742-84-500	2CKA001710A3991	10/100	
grey metallic 1)	1742-803	2CKA001710A3843	10	

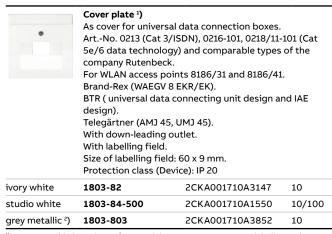
Protection class (Device): IP 20

¹⁾ Surface painted.



¹⁾ Cover plate can also be used individually as cover for telephone connector boxes (VDo).

²⁾ Surface painted.



¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate 1)

2gang

As cover for universal data connection boxes. Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. Brand-Rex (WAEGV 8/8 EKR/EK). AMP (NETCONNECT 5E). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field.

	Protection class (Device): IP 20			
ivory white	1803-02-82	2CKA001710A3146	10	
studio white	1803-02-84-500	2CKA001710A1551	10/100	
grey metallic 2)	1803-02-803	2CKA001710A3853	10	

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.



Cover plate

For telephone connection unit.

For loudspeaker connection box.

For USB, VGA, HDMI inserts and communication adapter.

USB power adapter insert 6472 U. Suitable for part number 0248/0x-101.

For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20

ivory white	1766-82	2CKA001710A3144	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
grey metallic 1)	1766-803	2CKA001710A3854	10

¹⁾ Surface painted.



Cover plate

As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20

ivory white	1745-82	2CKA001710A3155	10
studio white	1745-84	2CKA001710A3173	10
grev metallic 1)	1745-803	2CKA001710A3855	10

¹⁾ Surface painted.



Cover plate 1) socket outlet

Telephone socket (TDO)

ivory white	1762-82-506	2CKA001710A4104	10/100
studio white	1762-84-506	2CKA001710A4106	10/100
grey metallic ²)	1762-803-506	2CKA001710A4102	10/100

¹⁾ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).

²⁾ Surface painted

Data communication

Product	Article-No.	Order-No.	Pack/Qty
0.0	With 2 connector	tandard DIN 45330.	t outlets
ivory white	1743-82	2CKA001724A2758	10
studio white	1743-84-500	2CKA001724A4332	10/100
grey metallic 3)	1743-803	2CKA001724A4291	10

 $^{^{\}mbox{\tiny 1)}}\mbox{Third}$ opening can be knocked out.

³⁾ Surface painted.



Cover plate

As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Protection class (Device): IP 20

ivory white	1743-04-82	2CKA001724A4375	10	
studio white	1743-04-84	2CKA001724A4377	10	
grey metallic 1)	1743-04-803	2CKA001724A4373	10	

¹⁾ Surface painted.



Cover plate

As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Protection class (Device): IP 20

ivory white	1743/10-04-82	2CKA001724A4366	10
studio white	1743/10-04-84	2CKA001724A4368	10/100
grey metallic 1)	1743/10-04-803	2CKA001724A4364	10

¹⁾ Surface painted.



Cover plate 1) with labelling field

For modular jack with slide entrance.

To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and

Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20

ivory white	1800-82	2CKA001710A3158	10
studio white	1800-84-500	2CKA001710A3990	10/100
grey metallic ²)	1800-803	2CKA001710A3856	10

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Cover plate modular jack,

For 1 modular jack.

Suitable for Art. Nos. 0210, 0211 and 0219-101.

Without claws.

Protection class (Device): IP 20

ivory white	2561-82	2CKA001753A0401	10	
studio white	2561-84	2CKA001753A0403	10	
grey metallic 1)	2561-803	2CKA001753A0399	10	

¹⁾ Surface painted.

	Cover plate modular jack, For 2 modular jac Suitable for Art. N Without claws. Protection class (No. 0210 and 0211.	
ivory white	2561-02-82	2CKA001753A0392	10
studio white	2561-02-84	2CKA001753A0394	10

grey metallic 1) ¹⁾ Surface painted.



Cover plate

2561-02-803

For telecommunication inserts with cover plate 50 x 50 mm.

2CKA001753A0316

10

With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20

ivory white	1746/10-82	2CKA001710A3521	10
studio white	1746/10-84-500	2CKA001710A3993	10/100
grey metallic 1)	1746/10-803	2CKA001710A3857	10

¹⁾ Surface painted.



Intermediate ring

Reflex SI/SI Linear

For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range.

Protection class (Device): IP 20

ivory white	1747 SI-82	2CKA001710A3862	10
studio white	1747 SI-84	2CKA001710A3863	10



Intermediate ring

Busch-balance® SI

For attaching cover plates from the Busch-balance® SI range.

Delivery without cover plate.

Protection class (Device): IP 20

ivory white	1747 BSI-82	2CKA001710A4094	10
studio white	1747 BSI-84	2CKA001710A4096	10/100
grey metallic 1)	1747 BSI-803	2CKA001710A4092	10

¹⁾ Surface painted.



Cover plate with hinged lid

For telecommunication inserts with cover plate 50 x 50 mm.

With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20

ivory white	1746-82	2CKA001710A3149	10	
studio white	1746-84	2CKA001710A3167	10	
grev metallic 1)	1746-803	2CKA001710A3858	10	

¹⁾ Surface painted.

 $[\]ensuremath{^{\text{2}}}\xspace$ See inserts for satellite coaxial socket outlets.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Intermediate ring	with hinged lid ¹)	
For attaching cover plates from the Busch-balar range.			
	Delivery without of With sealing ring.	cover plate.	
	With hinged lid. Protection class (Device): IP 44	
ivory white	2518-WD-82	2CKA001719A0218	10
studio white	2518-WD-84	2CKA001719A0220	10
grev metallic 2)	2518-WD-803	2CKA001719A0216	10

¹⁾ Combinable only with covers for flush-mounted inserts

²⁾Surface painted.



XLR centre plate

As cover for Neutrik plug connectors, type D series. Without claws. Protection class (Device): IP 20

ivory white	2553-82	2CKA001724A4400	10	
studio white	2553-84	2CKA001724A4402	10	
grev metallic 1)	2553-803	2CKA001724A4398	10	

¹⁾ Surface painted.



with metal mounting plate

For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.

Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

ivory white	1748-82	2CKA001710A3655	10	
studio white	1748-84	2CKA001710A3656	10	
grey metallic 1)	1748-803	2CKA001710A3851	10	

¹⁾ Surface painted.



Cover plate

with metal mounting plate

As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

ivory white	1750-82	2CKA001710A3148	10
studio white	1750-84	2CKA001710A3166	10
grey metallic 1)	1750-803	2CKA001710A3859	10

¹⁾ Surface painted.



Equipotential socket outlet

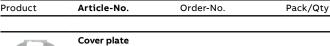
2gang

Without claws.

For connecting wires up to 1 x 6 mm² and 4 x 2.5 mm². IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801. Protection class (Device): IP 20

ivory white	2095 UC-82	2CKA002495A0085	10
studio white	2095 UC-84	2CKA002495A0086	10
grev metallic 1)	2095 UC-803	2CKA002495A0097	10

¹⁾ Surface painted.





with metal mounting plate

With screw-type terminal.

Fixed with central locknut.

Protection class (Device): IP 20

ivory white	2533-82	2CKA001724A4255	10
yellow	2533-82-15	2CKA001724A4382	10
studio white	2533-84	2CKA001724A4256	10
grey metallic 1)	2533-803	2CKA001724A4407	10

¹⁾ Surface painted.



Cover plate 1) with metal mounting plate

for communication devices. With labelling field 60.2 x 10.2 mm. Without claws.

Protection class (Device): IP 20

ivory white	1758-82	2CKA001724A2759	10
studio white	1758-84	2CKA001724A2761	10/100
grey metallic 2)	1758-803	2CKA001724A4292	10

 $^{^{1)}} For compatible lettering software, visit www. {\tt BUSCH-JAEGER-labeling} tool.com.$

²⁾ Surface painte

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	installation. Reception freque With display and With external AU For mono/stered 8 radio stations with time display With alarm funct With automatic s mode). With extension in switches. With integrated a With additional of Permitted speak Can be installed Rated voltage: 23 Rated frequency; Protection class Temperature ran	alarm clock for flush-mount ency: 87.50 MHz - 108.00 MHz background illumination. X input. I operation. Storable. I ion. I witch-off function (automath) I input to remote-controlled Olantenna. I ionnection for external anterer impedance: 4 - 8 Ohm as 1gang and in multiple con 80 V~, +10 % / -10 % I ion	tic sleep N/OFF nna. nbinations.
	8215 U-500	2CKA008200A0182	1/10





Busch-Radio iNet 1) 2) 3) 4)

WLAN Internet radio alarm clock for flush-mounted installation.

For the reception of national and international radio stations via Internet.

Radio station search possible via various genres. With high resolution graphic display and background illumination.

With external AUX input.

Integrated web-server for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm function.

With short-time timer.

With automatic switch-off function (automatic sleep mode).

With extension input to remote-controlled ON/OFF switches.

With integrated WLAN antenna.

WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).

WLAN safety: WPA / WPA2.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

Mounting depth: 33 mm



8216 U-500 2CKA008200A0153 1/10

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

 $^{^{}m 4)}$ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

 $^{^{5)}\}mbox{To}$ be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 $\,$ > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁴⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.
	installation. With Bluetooth in devices. Reception freque With high resolut illumination. With external AU. For mono/stereo 8 radio stations with time and da With alarm clock With short-time in the state of the st	alarm clock for flush-materface for music replacements; 87.50 MHz - 108.00 cion graphic display and X input. To operation. Storable. Ite display. and snooze function.	y of mobile MHz. l background		For Busch-Radio For Busch-Radio For Busch Blueto With broadband With flat plug col Incl. speaker con Rated output: 2 \ Frequency respo Impedance: 4 Oh Protection class Mounting depth:	IRadio 8215 U/8216 U. iNet 8216 U. BTconnect 8217 U. oth receiver 8219 U. characteristics. nnector. nection cable. W (RMS) nse: 200 - 20,000 Hz m (Device): IP 20, SELV 32 mm
	mode). With extension ir switches.	put to remote-controlle	•	¹) No claw. Scre	8223 U-500 ew-fixing via keyholes.	2CKA008200A0183
	Permitted speak Can be installed Bluetooth specif Bluetooth profile	onnection for external a er impedance: 4 - 8 Ohm as 1gang and in multiple	n e combinations.		With quick charg with quick-charg Makes possible f device.	supplying mobile terminal of ing function for devices com

1



8217 U-500

2CKA008200A0194

Rated voltage: 110 - 230 V~, +10 % / -10 %

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Mounting depth: 32 mm

- 1) No claw. Screw-fixing via keyholes.
- ²⁾ Matching loudspeaker insert 8223 U.
- 3) Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).
- ⁴⁾Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).



Busch Bluetooth receiver 1) 2) 3) 4)

Bluetooth interface for music replay of mobile devices. With integrated amplifier.

With external AUX input.

For mono/stereo operation.

Can be combined with the MDRC amplifier 8208.

Admissible loudspeaker impedance: 4 - 16 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 4.0

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Display elements: LED for status display. Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm



8219 U 2CKA008200A0198 1/10



obile terminal devices. or devices compatible

Pack/Qty

1/10

of the mobile terminal

Rated voltage: 100 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

6473 U-500 2CKA006400A0039 1/10

1) No claw. Screw-fixing via keyholes.

 $^{\rm 2)}$ The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick chargeTM 2.0 standard.

3) In rare cases the manufacturers of USB-C terminal devices support the quickcharging function independent of this standard only in case of charging devices $% \left(1\right) =\left(1\right) \left(1\right) \left$ that are the same as those of other manufacturers.

In these cases the quick-charging function of the terminal device is not enabled.



Busch-powerDock Charging cradle with Apple lightning

For Busch-powerDock insert 6473 U.

For attaching mobile terminal devices with lightning connection.

For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.

For iPhone 8 Plus, iPhone 8.

For iPhone 7 Plus, iPhone 7.

For iPhone SE.

For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.

For iPhone 5s, iPhone 5c, iPhone 5.

For iPod touch (6th generation), iPod touch (5th

generation), iPod nano (7th generation). Suitable for use with protective covers certified by

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

2CKA006400A0081

1/10

¹⁾ No claw. Screw-fixing via keyholes. ²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁶⁴⁷³⁻⁵⁰⁰ 1) Not released for use with the iPad.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty			
1 2	Busch-powerDock connection	Charging cradle with USB	-C			
	For Busch-powerD	For Busch-powerDock insert 6473 U.				
	_	For attaching mobile terminal devices with USB-C				
	connection.					
	Temperature rang	e (Device): 5 °C to 35 °C				
	Dimensions: (L x V	/ x D): 54 mm x 54 mm x 36	mm			
	6473/11-500	2CKA006400A0083	1/10			



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable. With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection.

Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz - 60 Hz

Suitable for: In case one output is used:

Rated current: 1400 mA

Suitable for: In case two output are used:

Rated current: 700 mA

Protection class (Device): IP 20, SELV
Temperature range (Device): 5 °C to 40 °C
Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

6472 U-500

2CKA006400A0002

 $^{^{\}mbox{\tiny 4)}}\mbox{Use}$ dust cover 2098 when cleaning the device.



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable. With two USB type A outputs.

To support two devices at the same time.

With electronic short-circuit protection.

With electronic overload protection.

Rated voltage: 120 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used:

Rated current: 3 A

Suitable for: In case two output are used:

Rated current: 1.500 mA

Protection class (Device): IP 20, SELV

Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

Available from November 2019

6472 U-500-101 2CKA006400A0094 1	
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¹⁾ No claw. Screw-fixing via keyholes.





USB charging station insert 1) 2) 3)

For supply and support of mobile devices via USB-cable. With micro USB connecting cable.

Connecting cable joined captive to insert.
Usable cable length (incl. micro USB plug) approx.

22 cm

With electronic short-circuit protection.
With electronic overload protection.
Rated voltage: 100 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm

Mounting depth: 32 mm

6474 U-500 2CKA006400A0033 1/10

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.



HDMI connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.

HDMI-type A, 3D-compatible.

Fully HD ready (1920 \times 1080 pixel).

For 20-wire HDMI-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20 Mounting depth: 34 mm

white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1

 $^{^{\}rm p}$ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾No data transfer.

 $^{^{\}rm 3}$ For terminal devices with standardized charging interface according to DIN EN 62684.

²⁾ No data transfer

 $^{^{\}rm 3)}$ For terminal devices with standardized charging interface according to DIN EN 62684.

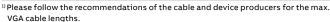
⁴⁾ Use dust cover 2098 when cleaning the device.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Suitable for telep 2539-21x and 1760 To link analogue v monitors or digit VGA-type: D-type Fully HD ready (19 For 15-wire VGA-c For trunk system underfloor system For easy installati	terminals and strain relief thone connection unit cove 6-xxx. video data between PCs at all projectors etc. , 15-pole. 220 x 1080 pixel). Cables via srew-type termins, flush-mounted wall boxems. ion and to follow the valid electronic-wall-box" type I mended. atte. (Device): IP 20	er plates and laptops to anals. es and bending
white	0261/21-500	2CKA000230A0424	1 1
grey	0261/23-500	2CKA000230A0426	5 1
alpine white	0261/22-500	2CKA000230A0425	5 1





USB connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link mobile devices like e.g. printer, scanner, USBsticks or digital cameras etc.

USB-type A, USB 2.0 compatible.

For 5-wire USB- cables via srew-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

alpine white	0261/12-500	2CKA000230A0419	1	
grey	0261/13-500	2CKA000230A0420	1	
white	0261/11-500	2CKA000230A0418	1	

¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.



Communication adapter for BNC-F Duct-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0262/11-500	2CKA000230A0436	1	
grey	0262/13-500	2CKA000230A0438	1	
alpine white	0262/12-500	2CKA000230A0437	1	

Product	Article-No.	Order-No.	Pack/Qty



F duct-jack

for communication adapter

For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver.

With screw-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Protection class (Device): IP 20

metal clad **0262-500** 2CKA000230A0440 1



Communication adapter

for Cinch-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked white: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

alpine white **0263/04-500** 2CKA000230A0451 1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked black: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

black **0263/05-500** 2CKA000230A0452 1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked red: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

Red **0263/06-500** 2CKA000230A0453 1



Cinch-jacks

for communication adapter

For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.

Marked yellow: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

yellow **0263/07-500** 2CKA000230A0454 1

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	2539-21x and 1766 To support 1 or 2	mm. none connection unit cover s-xxx. jacks. s, flush-mounted wall boxes ns.	
white	0264/11-500	2CKA000230A0458	1
grey	0264/13-500	2CKA000230A0460	1
alpine white	0264/12-500	2CKA000230A0459	1



Mini-jack 3,5 mm

for communication adapter

For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag.

Protection class (Device): IP 20

chrome gloss 0264-500 2CKA000230A0462



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

white 0248/02-101 2CKA000230A0402 10/100

1) Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

alpine white 0248/04-101-500 2CKA000230A0464 10/100

1) Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

0248/05-101 2CKA000230A0404 10/100





Cover plate

For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U.

For Busch-Radio BTconnect 8217 U.

ivory white	8252-82	2CKA008200A0051	10
studio white	8252-84	2CKA008200A0053	10
grey metallic 1)	8252-803	2CKA008200A0112	10

¹⁾ Surface painted.



Cover plate

For loudspeaker insert 8223 U.

ivory white	8253-82	2CKA008200A0079	1/10	
studio white	8253-84	2CKA008200A0081	1/10	
grey metallic 1)	8253-803	2CKA008200A0115	1/10	

⁾ Surface painted.



Cover plate

For telephone connection unit.

For USB, VGA, HDMI inserts and communication adapter.

For loudspeaker connection box. USB power adapter insert 6472 U.

Suitable for part number 0248/0x-101. For data modules

Suitable for Art. No. 0219/12 and 0219/13.

For modular outlets with 90° RJ45 outlet from

Telegärtner (type MJ and WE). Protection class (Device): IP 20

ivory white	1766-82	2CKA001710A3144	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
grey metallic 1)	1766-803	2CKA001710A3854	10

¹⁾ Surface painted.



Cover plate

With metal mounting plate, with fixing claws, loudspeaker terminals and cover. Conductor cross-sections up to 4 mm² rigid. With screw-type terminals.

Protection class (Device): IP 20

ivory white	1751-82	2CKA001723A0239	10
studio white	1751-84	2CKA001723A0240	10/100
grey metallic 1)	1751-803	2CKA001723A0257	10

¹⁾ Surface painted.



with rotary control, with marking

As a cover for volume controllers. Suitable for the "LR 15 mono BJ UP" devices of WHD. Protection class (Device): IP 20

ivory white	1740 DR/03-82	2CKA001710A3807	10
studio white	1740 DR/03-84	2CKA001710A3808	10
grey metallic 1)	1740 DR/03-803	2CKA001710A4119	10

¹⁾ Surface painted.

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

Multimedia / communication adapters

Room thermostats

Article-No.

Product

Product	Article-No.	Order-No.	Pack/Qty
(10)	Cover plate		
Ф	•	oth receiver 8219 U.	
- +			
*/AUX			
ivory white	8255-82	2CKA008200A0212	1
studio white	8255-84	2CKA008200A0214	1/10
grey metallic ¹)	8255-803	2CKA008200A0215	1

¹⁾ Surface painted.



Cover plate for Busch-powerDock

For Busch-powerDock charging cradle.

ivory white	6477-82	2CKA006400A0057	10
studio white	6477-84	2CKA006400A0059	10/100
grey metallic 1)	6477-803	2CKA006400A0060	10

¹⁾ Surface painted.

Ev	Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.		
ivory white	6478-82	2CKA006400A0014 1	
studio white	6478-84	2CKA006400A0018 1	
grey metallic 1)	6478-803	2CKA006400A0022 1	

¹⁾ Surface painted.

	Room thermostat, flush-mounted ¹) ²) ³) Switch contact opens when the set temperature is reached. With fixing claws. Separate terminal to activate nighttime mode and reduction of room temperature by 4K. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1			
	1094 U-500	2CKA001032A0512	1/10	
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
2gang product combinations:	2gang combination w APBS in Dual Box only.	• •		

Order-No.

Pack/Qty

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Slide switch

With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~

Rated current: 10 A

	Temperature range (Device): 5 °C to 30 °CEN 60730-2-9 British Standard EN 60669-2-1				
	1095 U-500	2CKA001032A0514	1/10		
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.				
2gang product combinations:	t 2gang combination with adapter plate APBS in Dual Box only.				

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}mbox{\tiny 2)}}\mbox{Servo-valves,}$ "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

 $^{^{\}mbox{\tiny 2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
6	Sliding switch, 24 With built-in slide reduction of 4 K. temperature is re Separate termina reduction of roon Class of tempera: Contribution to s Rated voltage: 24 Rated current: 1 A	e switch and control lam Switch contact opens w ached. With fixing claws Il to activate nighttime n in temperature by 4K. ture controller 1 pace heating energy eff V~ active (Device): 5 °C to 30 °C	hen the set s. node and iciency 1,0%.
	1096 U	2CKA001032A04	85 1
Mounting boxes:	35 mm deep flush or Dual Box 3070-	5 5	
2gang product combinations:	2gang combination	on with adapter plate only.	
¹) Only in conjuncti	on with standard flus	h-mounting boxes accordi	ng to DIN 49073,

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{3)}}$ Switching temperature difference: $\pm~0.5~\text{K}$.



Room thermostat, flush-mounted 1) 2) 3) 1gang 2way

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

	1097 U-500	2CKA001032A0513	1/10
Mounting	35 mm deen flush	1gang	

boxes: or Dual Box 3070-2/35 BSDB.

2gang product 2gang combination with adapter plate

combinations: APBS in Dual Box only.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

 $^{^{3)}}$ Switching temperature difference: $\pm~0.5~\text{K}$.



Room thermostat, flush-mounted 1) 2) 3) Actual value indication

With actual value temperature display Automatic controller calibration

Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

2CKA001032A0487

1/10

British Standard EN 60669-2-1

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wa

1094 UTA





Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication

With actual value temperature display

Automatic controller calibration
Switch contact opens when the set temperature is

reached.
With built-in slide switch and control lamp for nightly

reduction of 4 K. With fixing claws.

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

2CKA001032A0488

British Standard EN 60669-2-1

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

or 3060 wallbox concrete)

1095 UTA



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication, 24 V

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~

Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

1/10

British Standard EN 60669-2-1

1096 UTA 2CKA001032A0489

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Change-over contact, actual value indication

With actual value temperature display Automatic controller calibration

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 AEN 60730-2-9, British Standard EN

60669-2-1

1097 UTA 2CKA001032A0490 1/10

¹⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall
or 3060 wallbox concrete)

- ²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.
- ³⁾ Switching temperature difference: ± 0.5 K.

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10

or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

 $^{^{3)}}$ Switching temperature difference: $\pm~0.5~K$.

 $^{^{2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. $\,6164/10$.

Room thermostats

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) Remote sensor

With remote sensor and thermal feedback For underfloor heating.

With built-in slide switch and control lamp for nightly reduction of 4 K

Switch contact opens when the set temperature is reached.

With fixing claws.

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Adjusting range: +10 to +50° C. Connecting cable: 1mm2 to 2.5 mm2

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 16 A, cos φ 1EN 60730-2-9, British Standard EN 60669-2-1

1095 UF

2CKA001032A0497





Room thermostat, flush-mounted 1) 2)

Change-over contact, setpoint indication, timer, remote sensor

With change-over contact.

Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week.

With fixing claws.

Automatic summer/wintertime switch-over

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Power reserve > 10 hours

To fit cover plate 6435-xxx.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 16 A

Temperature range (Device): 10 °C to 50 °CEN 60730-2-9

1098 UF-101

2CKA001032A0509

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling

With separate connection (230 V~) for external switchover between heating or cooling.

Switch contact opens when the set temperature is reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1099 UHK

2CKA001032A0515 1/10

3) Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch

With built-in sliding switch for switchover between cooling or heating.

Switch contact opens when the set temperature is reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1099 UHKEA

2CKA001032A0516 1/10

 $^{1)}\mbox{Only}$ in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}mbox{\tiny 1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to

thermostat. e.g. Article No. 6164/10-, see KNX chapter.

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate for room thermostat For room thermostats 1094 U/UF, 1097 U/UF.		
ivory white	1794-82	2CKA001710A3543	10
studio white	1794-84	2CKA001710A3544	10
grey metallic 1)	1794-803	2CKA001710A3847	10

¹⁾ Surface painted.



Cover plate for room thermostat

With sliding switch for nightly room temperature reduction.

to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.

ivory white	1795-82	2CKA001710A3568	10
studio white	1795-84	2CKA001710A3569	10
grey metallic 1)	1795-803	2CKA001710A3848	10

¹⁾ Surface painted.



Cover plate for room thermostat

For room thermostats 1094 UTA, 1097 UTA.

ivory white	1794 TA-82	2CKA001710A3696	10
studio white	1794 TA-84	2CKA001710A3698	10
grey metallic 1)	1794 TA-803	2CKA001710A3849	10

¹⁾ Surface painted.



Cover plate

for room thermostat

With sliding switch for nightly room temperature reduction. $\dot{}_{\cdot}$

For room thermostats 1095 UTA, 1096 UTA.

ivory white	1795 TA-82	2CKA001710A3723	10
studio white	1795 TA-84	2CKA001710A3725	10
grey metallic 1)	1795 TA-803	2CKA001710A3850	10

¹⁾ Surface painted.



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.

ivory white	6435-82	2CKA006430A0304	10
studio white	6435-84	2CKA006430A0306	10
grey metallic 1)	6435-803	2CKA006430A0351	10

¹⁾ Surface painted.





Cover plate

for room thermostat

For room temperature controller 1099 UHK.

studio white 1795 HK-84 2CKA001710A4017 10	ivory white	1795 HK-82	2CKA001710A4015	10
		1795 HK-84	2CKA001710A4017	10

¹⁾ Surface painted.



Cover plate

for room thermostat

For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating

ivory white	1795 HKEA-82	2CKA001710A4047	10
studio white	1795 HKEA-84	2CKA001710A4049	10
grey metallic 1)	1795 HKEA-803	2CKA001710A4044	10

¹⁾ Surface painted.

Pack/Qty

solo®

Product

LED light

		, ,
	,	
Long service life Homogeneous b	ion field 43 x 43 mm. c of the lighting element (LEDs backlighting of the information ture 6,500 K (cold white) tion: < 0.5 W 30 V~ c: 50 Hz - 60 Hz	•
2062 U	2CKA001511A0115	1/10

Order-No.

²⁾ For switching the LED flush mounted insert use switches without orientation light only.



Cover plate 1) 2)

Article-No.

As cover for flush-mounted info light. For insert 2062 U.
Size of information field 43 x 43 mm.
Protection class (Device): IP 20

ivory white	1716-82	2CKA001731A1922	1	
studio white	1716-84	2CKA001731A1923	1	
grey metallic 3)	1716-803	2CKA001731A1976	1	

¹⁾ Included with the cover are 46 different text labels and symbols.

³⁾ Surface painted.



for indication lamp

Cover plate

For insert 2061/2661 U.

As cover for flush-mounted light signal. Protection class (Device): IP 20

ivory white	1756-82	2CKA001753A0090	10	
studio white	1756-84	2CKA001753A0092	10	
grey metallic 1)	1756-803	2CKA001753A0088	10	

¹⁾ Surface painted.



for indication lamp

For indication lamps.

Protection class (Device): IP 20

clear-transpar- ent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty	
	1-channel 1gang wall-mount power supply. With labelling field For switching and For controlling bli 1 radio channel ca can be called up. For flush-mounted 6703, 6704 and 67 For LED display W Compatible with N Send frequency: 8 Free-field range: a Power supply: lith Battery service life practically mainte Automatic monito Including fixing pl on switch boxes. Control element: r Display elements: Rated voltage: 3 V Protection class (I	nds and light scenes. In be operated or up to 2 light be operated or up to	ght scenes 1-101, 6702, -RF 6770. pe CR2032. re	
		V x D): 63 mm x 63 mm x 16	5 mm	
ivory white	6731-82-500	2CKA006730A0032	1/10	
studio white	6731-84-500 2CKA006730A0038 1/10			

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

-	
-	

Wall-mounted transmitter WaveLINE 1) 2)

2-channe

2gang wall-mounted transmitter independent of mains power supply.

With labelling field and labelling strip.

For switching and dimming.

For controlling blinds and light scenes.

2 radio channels can be operated or up to 4 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

For LED display WaveLINE 6730-xxx.

Compatible with WaveLINE KNX gateway TP-RF 6770.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

ivory white 6732-82-500 2CKA006730A0033 1/10 studio white 6732-84-500 2CKA006730A0039 1/10

 $^{^{\}mbox{\tiny 1)}}\mbox{Use relay inserts}$ when switching through movement sensors or comfort switches.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Pack/Qty

solo®

WaveLINE control elements

Product Article-No. Order-No. Pack/Qty Wall-mounted transmitter WaveLINE 1) 2) 4gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 4 radio channels can be operated or up to 8 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. For LED display WaveLINE 6730-xxx. Compatible with WaveLINE KNX gateway TP-RF 6770. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: rocker switch left/right Display elements: LED to indicate the transmission Rated voltage: 3 V-Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm ivory white 6733-82-500 2CKA006730A0034 1/10

studio white

WaveLINE LED display 1)

6733-84-500

For status display of window handle positions: open = red, closed = green, tilted = yellow.

2CKA006730A0040

1/10

Direct onsite operation possible for switching / dimming an electrical device depending on the flushmounted insert.

4 individual LED display channels.

Up to 8 WaveLine transmitters can be taught-in on each LED display channel.

Up to 8 WaveLine transmitters can be taught-in on

After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state.

Status display for depleted WaveLINE transmitter batterv.

Status display for faulty transmission link and defective

WaveLINE transmitter. User-friendly start-up without PC / software.

Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x.

For WaveLINE 6721-xx universal signalling unit.

For Busch-Watchdog 220 WaveLINE 6747 AGM.

For Busch-Universal relay switch insert 6404 U.

For universal dimmer switch insert 6595 U.

Free-field range: approx. 100 m.

Send/receive frequency: 868 MHz.

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm

ivory white	6730-82	2CKA006730A0015	1
studio white	6730-84	2CKA006730A0017	1
grey metallic 2)	6730-803	2CKA006730A0025	1

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Busch-Infoline®

Article-No.

Product

	Cover plate 1) 2) 1gang, with labell	=	
_	With operating kn	With operating knob. For signal/cancel push-button 1520/1 UK.	
	For signal/cancel	•	
-		e guard insert 1531 U.	
	With labelling field	_	
	Protection class (I	•	
	Dimensions: (L x V	V x D): 63.5 mm x 63.5 mm x	11.1 mm
For compatible	1571 CN-84	2CKA001582A0346 t www.BUSCH-JAEGER-labeling lo®, and carat®.	10 gtool.com
For compatible	1571 CN-84 lettering software, visid for Busch-axcent®, so	t www.BUSCH-JAEGER-labeling	
For compatible	1571 CN-84	t www.BUSCH-JAEGER-labeling	
For compatible	1571 CN-84 lettering software, visid for Busch-axcent®, so	t www.BUSCH-JAEGER-labeling olo®, and carat®. ing field	
For compatible	1571 CN-84 lettering software, visit of for Busch-axcent®, so Cover plate ¹) ²) 2gang, with labell with operating kn For signal push-bu	t www.BUSCH-JAEGER-labeling olo®, and carat®. ing field ob. utton insert 1520/1 UKZ.	
For compatible	1571 CN-84 lettering software, visit of for Busch-axcent®, so Cover plate ¹) ²) 2gang, with labell With operating kn For signal push-bu With labelling field	t www.BUSCH-JAEGER-labeling lo®, and carat®. ing field ob. utton insert 1520/1 UKZ. d 61 x 20 mm.	
For compatible	1571 CN-84 lettering software, visid for Busch-axcent®, so Cover plate ¹) ²) 2gang, with labell With operating kn For signal push-bl With labelling field Protection class (I	t www.BUSCH-JAEGER-labeling lo®, and carat®. ing field ob. utton insert 1520/1 UKZ. d 61 x 20 mm. Device): IP 20	gtool.com
	1571 CN-84 lettering software, visid for Busch-axcent®, so Cover plate ¹) ²) 2gang, with labell With operating kn For signal push-bl With labelling field Protection class (I	t www.BUSCH-JAEGER-labeling lo®, and carat®. ing field ob. utton insert 1520/1 UKZ. d 61 x 20 mm.	gtool.com

Order-No.



studio white

Cover plate 1) 2)

with red and neutral light panel and labelling field

For Alarm Control Unit insert 1515 U-12. For Busch-Alarm signal insert 1563 U-12. For indication lamp insert 1564 U-1x. With labelling field 61 x 61 mm.

Protection class (Device): IP 20

Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm 2CKA001582A0350

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.



studio white

studio white

Cover plate 1) 2)

6gang, illuminable, with labelling field

For signal panel insert 1566 U. With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

1575 CN-84 2CKA001582A0353

1) For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.



Cover plate 1) 2)

For power supply insert 1518 U. For relavinsert 1539 U. For signal generator insert 1561 U-.... With labelling field 61 x 61 mm. Protection class (Device): IP 20

Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

2CKA001582A0355

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{1)}} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$

¹⁵⁷⁶ CN-84 2) Can also be used for Busch-axcent®, solo®, and carat®.

Accessories

Product	Article-No.	Order-No.	Pack/Qty
1) . o. c. c scanacio	on of flush-mounted SC switches, push-buttons punted boxes.	

¹⁾ Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.



Braille symbol

2148

self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20

2CKA002148A0120

100

light		
2144 LI	2CKA001714A0295	10/1000
bell		
2144 KI	2CKA001714A0296	10/1000
key		
2144 TR	2CKA001714A0297	10/1000



Braille symbol socket outlet

2144 ST

self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx Protection class (Device): IP 20

2CKA001714A0298

10/1000

	For laser printer	o be labeled Busch-Jaeger dev r. foil is printed via the Busch-Je	
translucent	1799/02	2CKA001799A0959	1
transparent	1799/03	2CKA001799A0960	1

^{1) 1} piece = 1 sheet.



RC suppressor

For protection against the damage or destruction of electronic devices due to overvoltages.

For wiring network-interconnected inductivities (e.g.. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.

Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

6899 2CKA006899A0231 10

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
		,	
	Cover frame 1) 1gang frame For vertical or horiz Protection class (D		
chrome	1721-80-500	2CKA001754A4535	10/100
chrome gloss	1721-80G-500	2CKA001754A4538	10/100
studio white	1721-84-500	2CKA001754A4536	10/100
¹⁾ Suitable for inst	allation in trunking syst	ems with 80 mm conduit.	
	Cover frame 2gang frame For vertical or horiz Protection class (D		
chrome	1722-80-500	2CKA001754A4537	10/100
chrome gloss	1722-80G	2CKA001754A4327	10
studio white	1722-84-500	2CKA001754A4539	10/100
	Cover frame 3gang frame For vertical or horiz Protection class (D		
chrome	1723-80-500	2CKA001754A4540	10/100
chrome gloss	1723-80G	2CKA001754A4328	10
studio white	1723-84-500	2CKA001754A4541	10/100
	Cover frame 4gang frame For vertical or horiz Protection class (D		
chrome	1724-80	2CKA001754A4107	1
chrome gloss	1724-80G	2CKA001754A4329	1
chrome gloss			
studio white	1724-84	2CKA001754A4112	1



For vertical or horizontal installation.

Protection class (Device): IP 20

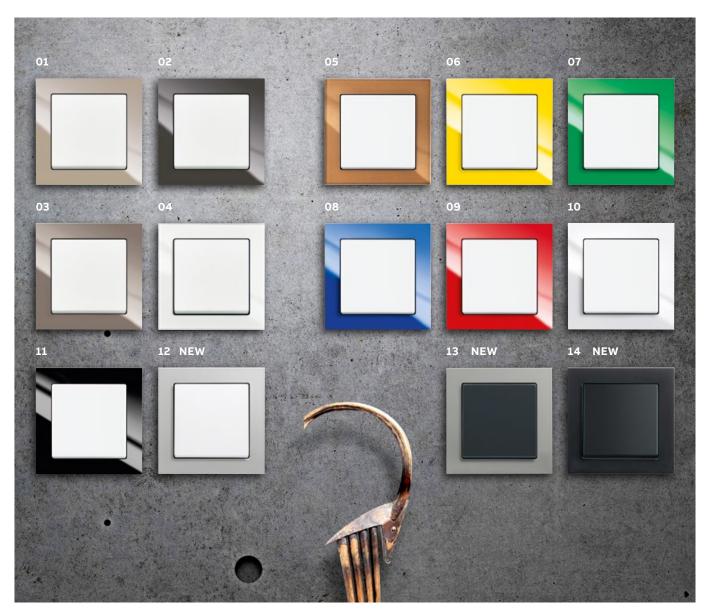
chrome	1725-80	2CKA001754A4108	1
chrome gloss	1725-80G	2CKA001754A4330	1
studio white	1725-84	2CKA001754A4113	1

Individuality with an accent.

Express yourself. Enjoy freedom with bright colours and high gloss surfaces. Such choice brings joy.

Each room can have accessories in a different colour, each room can have a different personality.

Straight lines and bold edges perfectly correspond with the modern style of furnishing. Primary colours can be used as a colour-key for quick and efficient organisation of appliances and equipment.



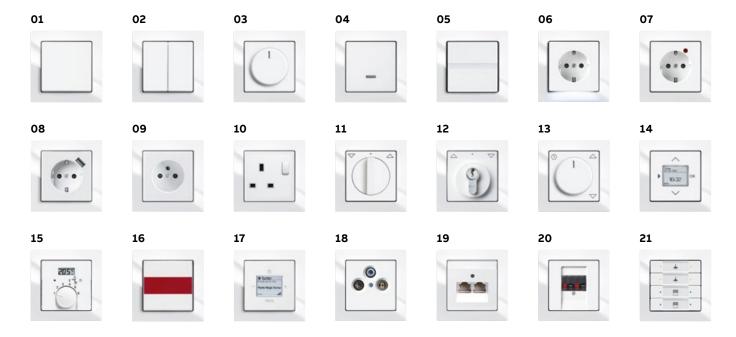
- 01 studio white/maison-beige
- 02 studio white/château-black
- 03 studio white/entrée-grey
- 04 studio white/white glass
- 05 studio white/brown glass
- 06 studio white/yellow
- 07 studio white/green

- 08 studio white / blue
- 09 studio white/red
- 10 studio white/white
- 11 studio white/black
- 12 studio white/titanium
- 13 anthracite/platinum
- 14 black matt/black

Materials

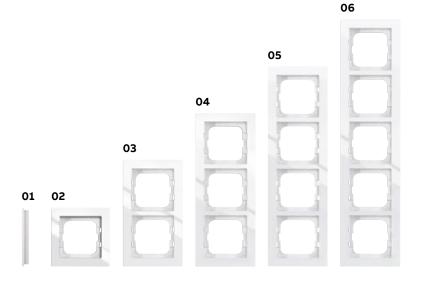
Cover: Thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.

Selected functions.



- 01 Rocker switch 1gang
- 02 Rocker switch 2gang
- 03 Busch Universal Rotary Dimmer
- 04 Touch dimmer
- 05 Busch-Comfort switch
- 06 Busch-steplight®
- 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection
- 08 SCHUKO® USB socket outlet
- 09 Socket outlet with earthing pin
- 10 Switched socket outlet BS standard
- 11 Blind switch with rotary knob

- 12 Busch-Blind control switch with semi-cylindrical lock
- 13 Busch-Blind comfort switch
- 14 Comfort timer
- 15 Room thermostat with display
- 16 Busch-Infoline® alarm insert
- 17 Busch-AudioWorld® Busch-Radio iNet
- 18 Antenna socket for radio/TV/satellite
- 19 Universal data connection box
- 20 Stereo loudspeaker connecting box
- 21 KNX sensor, for more KNX products see part 12 of the catalogue Intelligent Building Solutions



1 to 5gang cover frame for horizontal and vertical installation.

- 01 Side view, 11 mm x 91 mm
- 02 91 mm x 91 mm
- 03 91 mm x 162 mm
- 04 91 mm x 233 mm
- 05 91 mm x 304 mm
- 06 91 mm x 375 mm



For more information about light switch ranges visit ABB global web sites.

Rocker switches / push switches

Article-No.	Order-No.	Pack/Qty
		,
Rocker Switch Me	echanism ¹)	
Rated voltage: 25	0 V~	
	Rocker Switch M	Article-No. Order-No. Rocker Switch Mechanism ¹) Rated voltage: 250 V~

Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1

1gang 2way		
2000/6 US-500	2CKA001012A2198	10/100
2gang 1way		
2000/5 US-500	2CKA001012A1150	10/100
DP, 1gang 2way ²)		
2000/6/2 US	2CKA001012A0954	10
1gang		
2000/7 US-500	2CKA001012A2199	10/100
DP, 1gang 1way		
2000/2 US-500	2CKA001012A2196	10/100
SP, 1gang 1way sv	vitch	
2000/1 US-500	2CKA001012A2059	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{2)}}$ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2400/6 US-500	2CKA001012A2232	10/100
2gang 1way		
2400/5 US-500	2CKA001012A2234	10
1gang		
2400/7 US-500	2CKA001012A2236	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20IEC 60669-1

2000/6/6US-101-500 2CKA001011A0928





Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6/6US-101-500 2CKA001022A0663

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2)

DP, 1gang 1way

For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/2 US-101-500 2CKA001012A2193 10/100

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Also for switching SCHUKO® socket outlets.



Rocker Switch Mechanism 1) 2) 3-pole, 1gang 1way switch

Rated voltage: 400 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/3 US	2CKA001011A0816	10	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20

IEC 60669-1

1gang 2way ²)		
2000/6 USGL-500	2CKA001012A2194	10/100
2gang 1way		
2000/5 USGL	2CKA001012A1135	10

 $^{^{} ext{\scriptsize 1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.



Rocker Switch Mechanism, control 1) 2gang 1way

with LED,

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/5 USK-500 2CKA001012A2238

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
			,
100	Rocker Switch Me	echanism, control 1) 2) 3	")
FIF	With neon lamp.		
	Rated voltage: 25	0 V~	
	Rated current: 10	AX	

Protection class (Device): IP 20

1gang 2way with N-terminal		
2000/6 USK-500	2CKA001022A	

IEC 60669-1

2000/6 USK-500	2CKA001022A0659	10/100)
DP, 1gang 1way			
2000/2 UK	2CKA001022A0656	10	

¹⁾ With 1 mA neon lamp.

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal

With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400	/6 USK-500	2CKA001022A0661	10
	, 0 0 3 K-3 0 0	LCINAGGIGLLAGGGI	10

¹⁾ With 1 mA neon lamp.

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 05-500	2CKA001413A0574	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With 2 independent signalling contacts.

Rated voltage: 250 V~

Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 US-201 2CKA001413A0483 10)
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1) 2) 3)

SP, with normally open contact (operating current)

With illumination. With N terminal.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 USGL-500 2Ck	A001413A1106	10/100
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product	Article-No.	Order-No.	Pack/Qty



Push-switch mechanism 1)

With one input terminal and 2 actuating covers.

Rated voltage: 250 V~

Inputs: 1

Outputs: 2x Normally open contact

Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-205-500 2CKA001413A1105 10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP. 1gang 2way

Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).

With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-206-500 2CKA001413A1104 10/100

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Protection class (Device): IP 20

anthracite	1786-81	2CKA001751A2926	10/100
studio white	1786-84-500	2CKA001751A3074	10/100
black matt 1)	1786-885	2CKA001751A3041	10/100

¹⁾ Surface painted.



Pockor

For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20 $\,$

anthracite	1785-81	2CKA001751A2930	10
studio white	1785-84-500	2CKA001751A3076	10/100
black matt 1)	1785-885	2CKA001751A3038	10/100

¹) Surface painted.



Rocker

As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20

anthracite	1785 K-81	2CKA001751A3121	10
studio white	1785 K-84-500	2CKA001751A3128	10
black matt 1)	1785 K-885	2CKA001751A3136	10

¹⁾ Surface painted.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

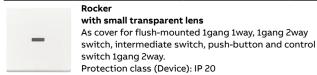
²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

³⁾ For relay and touch dimmer applications.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
-		mounted 1gang 1way, 1gan ate switch, push-button and y.	
anthracite	1789-81	2CKA001751A2928	10
studio white	1789-84-500	2CKA001751A3091	10/100
black matt 1)	1789-885	2CKA001751A3047	10

¹⁾ Surface painted.



anthracite	1789 N-81	2CKA001751A3147	10/100
studio white	1789 N-84-500	2CKA001751A3151	10/100
black matt 1)	1789 N-885	2CKA001751A3154	10/100

¹⁾ Surface painted.

Switch rocker with marking

With symbol.

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Protection class (Device): IP 20

anthracite	2520 LI-81	2CKA001751A3186	10/100
studio white	2520 LI-84-500	2CKA001751A3190	10/100
black matt 1)	2520 LI-885	2CKA001751A3193	10/100

¹⁾ Surface painted.

Switch rocker with marking

With key symbol.

For flush-mounted push switch. Protection class (Device): IP 20

anthracite	2520 TR-81	2CKA001751A3196	10/100
studio white	2520 TR-84	2CKA001751A3199	10/100
black matt 1)	2520 TR-885	2CKA001751A3202	10/100

¹⁾ Surface painted.

Switch rocker with marking With bell symbol.

For flush-mounted push switch.

Protection class (Device): IP 20

anthracite	2520 KI-81	2CKA001751A3176	10/100
studio white	2520 KI-84-500	2CKA001751A3180	10/100
black matt 1)	2520 KI-885	2CKA001751A3183	10/100

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
.k.		arent lens mounted 1gang 1way, 1gan te switch, push-button and	,
anthracite	1789 LI-81	2CKA001751A2931	10
studio white	1789 LI-84-500	2CKA001751A3084	10/100
black matt 1)	1789 LI-885	2CKA001751A3045	10

¹⁾ Surface painted.

-	Switch rocker with marking with small transparent lens With "Plug" icon. As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O" As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789 ST-81	2CKA001751A3157	10/100	
studio white	1789 ST-84-500	2CKA001751A3161	10/100	
black matt 1)	1789 ST-885	2CKA001751A3164	10/100	

¹⁾ Surface painted.



Switch rocker with marking with small transparent lens

With key symbol.

For flush-mounted push switch. Protection class (Device): IP 20

anthracite	1789 TR-81	2CKA001751A2933	10	
studio white	1789 TR-84	2CKA001751A2755	10	
black matt 1)	1789 TR-885	2CKA001751A3046	10	

¹⁾Surface painted.



Switch rocker with marking with small transparent lens

With bell symbol.

For flush-mounted push switch. Protection class (Device): IP 20

anthracite	1789 KI-81	2CKA001751A2932	10
studio white	1789 KI-84	2CKA001751A2754	10
black matt 1)	1789 KI-885	2CKA001751A3044	10

¹⁾ Surface painted.



Rocker 1) 2)

with labelling field

With pilot lamp for uniform illumination of the labelling field. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Size of labelling field: 59.7 x 11.7 mm

	Protection class (Device): IP 20			
anthracite	1764 NLI-81	2CKA001731A1552	10	
studio white	1764 NLI-84	2CKA001731A1877	10/100	
black matt 3)	1764 NLI-885	2CKA001731A1982	10	

 $^{^{1)}} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$

 $^{^{\}rm 2)}$ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

³⁾ Surface painted.

Back /Oty

Busch-axcent®

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	field. For flush-mounte	or uniform illumination of the control of the contr	of the labelling
anthracite	1764 NLI/KI-81	2CKA001731A39	98 10/100
studio white	1764 NLI/KI-84-	500 2CKA001731A40	02 10/100
black matt 3)	1764 NLI/KI-885	2CKA001731A40	05 10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts 3) Surface painted.

ī	-	
	_	

Switch rocker with marking with small red spherical cap

With imprint "0" and "I".

As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.

Protection class (Device): IP 20

anthracite	1788-81	2CKA001751A2927	10
studio white	1788-84	2CKA001751A2750	10/100
black matt 1)	1788-885	2CKA001751A3042	10

¹⁾ Surface painted.



Switch rocker with marking with small red spherical cap

With marking "Heizung".

As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.

As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20

anthracite	1789 H-81	2CKA001751A2929	10
studio white	1789 H-84	2CKA001751A2751	10
black matt 1)	1789 H-885	2CKA001751A3043	10

¹⁾ Surface painted.



delivery form:

Card switch 10 A 1)

SP, with normally open contact (operating current)

Illuminable With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

	2025 U	2CKA001012A1713	10
Mounting boxes:	35 mm deep flu or Dual Box 307	3 3	
2gang product combinations:	2gang combina	ation with adapter plate	

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Adapter plate APBS to be ordered separate.

Floudet	AI LICIE-NO.	Order-No.	rack/Qty



Cover plate

Article No

For card switch. For insert 2025 U.

Suitable for cards sized 54 x 86 mm.

The inner part of the cover plate is made of lightconducting plastic, so that the card slot is illuminated.

Order No

Protection class (Device): IP 20

anthracite	1792-81	2CKA001710A3639	10
studio white	1792-84	2CKA001710A3641	10
black matt 1)	1792-885	2CKA001710A3905	10

¹⁾ Surface painted.



Switch rocker with marking

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

DO NOT DISTURB

Protection class (Device): IP 20

anthracite	1786/11-81	2CKA001751A3207	10
studio white	1786/11-84	2CKA001751A2998	10
black matt 1)	1786/11-885	2CKA001751A3040	10

¹⁾ Surface painted.



Switch rocker with marking

For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB

MAKE UP ROOM

Protection class (Device): IP 20

anthracite	1785/11-81	2CKA001751A3205	10
studio white	1785/11-84	2CKA001751A2992	10
black matt 1)	1785/11-885	2CKA001751A3037	10

¹⁾ Surface painted.



Bell push-switch DND/MUR

with marking "Do not Disturb" and "Make up Room"

two seperate LED indicators with screw-type terminal

Rated voltage: 250 V~

Rated current: 10 ABS EN 60669-1, IEC 60669-1

	delivery on request		
anthracite	2029 UC-81	2CKA001751A3167	1
studio white	2029 UC-84	2CKA001751A3170	1
black matt 1)	2029 UC-885	2CKA001751A3173	1

¹⁾ Surface painted.



Pull switch 1)

SP, with normally open contact (operating current)

With 2-metre pull cord, red handle, and red neon

Rated voltage: 250 V~

Rated current: 10 A

2020/01 US-101

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,

2CKA001413A1112

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Pull switch 1) SP, break contact With 2-metre pull indicator. Rated voltage: 25 Rated current: 10	cord, red handle, and red	neon
	2020/10 US-101	2CKA001413A1111	10

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Cover plate 1) for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal

Protection class (Device): IP 20

anthracite	1796-81	2CKA001753A0308	10
studio white	1796-84	2CKA001753A0311	10
black matt ²)	1796-885	2CKA001753A0314	10

¹⁾ Exchanging the available cover/cover plate.

open for red pull switch neon indicator For pull switch 2020/xx US. Protection class (Device): IP 20 1720-81 2CKA001731A1914 anthracite studio white 1720-84 2CKA001731A1916

black matt 1) 1) Surface painted.



Three-step rotary switch 1) 2) SP, with zero position

With zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2/100	2CKA001101A0918	1/10

¹) Install only in conjunction with wall boxes ø 60 mm.

1720-885

 $^{^{2)}}$ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



Three-step rotary switch 1) 2) SP, without zero position

Without zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2710/1 U	2CKA001101A0919	1/10

¹⁾ Install only in conjunction with wall boxes ø 60 mm.

Product	Article-No.	Order-No.	Pack/Qty
•	Cover plate with rotary contr As cover for flush With zero positio	mounted three-step ro	otary switch.
\ /.	For insert 2710 U.		

·	Protection class (De	vice): IP 20	
anthracite	2542 DR/01-81	2CKA001710A3644	10
studio white	2542 DR/01-84	2CKA001710A3646	10
black matt 1)	2542 DR/01-885	2CKA001710A3913	10

¹⁾ Surface painted.



Cover plate with rotary control, with marking

As cover for flush mounted three-step rotary switch. Without zero position.

For insert 2710/1 U.

Protection class (Device): IP 20

anthracite	2542 DR/02-81	2CKA001710A3649	10
studio white	2542 DR/02-84	2CKA001710A3651	10
black matt 1)	2542 DR/02-885	2CKA001710A3914	10

¹⁾ Surface painted.

10

10

10

2CKA001731A1981

²⁾ Surface painted.

²⁾ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

Dimmers

Product Article-No. Order-No. Pack/Qty



Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel

For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting".

Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later).

Can be combined with switch ranges carat®, Buschdynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.

6716 U-500 2CKA006710A0014



Rocker

For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Buschdynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.

studio white **6736 FoH-84** 2CKA006730A0136



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) Flush-mounted, LED, 2-100 W

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V \sim , + 10% / - 10% Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads).

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



2CKA006512A0335

5 1/10

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) UP, LED, 2-400 W

Very small installation depth: < 20 mm Without claws.

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum/maximum brightness.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10%

Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control)

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



 $\frac{}{^{9}}$ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{7)}}$ Recommendation: Please use loads and types of one producer.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

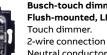
⁵⁾ Provided with terminal for net disconnection devices.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operaton of LEDi with conventional loads possible.

With adjustable minimum brightness. The minimum brightness for the leading edge control

can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds

with the trailing edge control mode. Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads).

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323 1/10

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- $^{\scriptsize 3)}$ In case of electronic transformers, 5 % transformer losses.
- 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- $^{5)}$ Recommendation: Please use loads and types of one producer.
- $^{6)}$ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R, 60-600 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1, British Standard EN 60669-2-1



2250 U-500

2CKA006515A0848

1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RL, 20-500 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



2247 U-500

2CKA006512A0302 1/10

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 2) In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) 6)

UP, RL, 200-700 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer

Short-circuit-proof, overload-protected. With adjustable minimum brightness.

Without cover plate.

Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6520 U-500

2CKA006520A0227

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 6) Should be mounted in a seperate wallbox.

²⁾ Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Provided with terminal for net disconnection devices.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-2gang switch/rotary dimmer 1) 2) 3) flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1

3) Can be used to replace a 2gang 1way switch.

6517 U-101-500



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

With rotary control, soft-catch and with trailing edge control

2CKA006517A0018

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 40 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6513 U-102-500

2CKA006513A0586 1/10

- 1) Not suitable with conventional transformers.
- 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices.
- 5) Also applicable for 1gang 2way installations.

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

DP switched

With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate. DP cut off (P,N)

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6514 U-500

2CKA006514A0115

1) Not suitable with conventional transformers. 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices
- 5) Also applicable for 1gang 2way installations.
- 6) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RLC, 60-420 W

with soft-catch

With intelligence for universal operation.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6591 U-101-500

2CKA006513A0588 1/10

- 1) Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.
- 2) In case of electronic transformers, 5 % transformer losses
- ³⁾ In the case of conventional transformers, take ~20% transformer loss into account. 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073,
- Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Cannot be combined with a 2way switch.



Busch-rotary dimmer, extension 1) 2) flush mounted

for connection to 6591 U-101,

To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions

can be connected to a 6591U-101. Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz



6592 U-500

2CKA006513A0590

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

¹⁾ Control elements 2115-xxx and 6540-xxx.

²⁾ Required for illuminating the N-connection control element.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
Product	Busch-rotary dimm flush mounted, 1-10 With rotary control. For controlling balls control output 1-10 For LED control via Without cover plate Rated voltage: 230 Rated frequency: 50 Rated power: 700 W	ner ') ²) ³) 4) DV ast units for fluorescent la V DC, control current max control gears b. V~, +10 % / -10 % D Hz - 60 Hz	mps with . 50 mA DC.
	2112 U-101-500	2CKA006599A2873	1/10

¹⁾ Non-illuminable.

⁴⁾ Making-current limiters have to be provided in case of too high making currents.



Busch-rotary dimmer 1)

Flush-mounted, DALI, tunable white

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. Fool proved.

For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6,500 K.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116 U 2CKA006599A3025

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1)

Flush-mounted, DALI, with internal power supply, tunable white

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6.500 K.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation.
Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: $300 \text{ m} (1.5 - 2.5 \text{ mm}^2)$.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116/11 U

2CKA006599A3026

²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete).

Dimmers

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) flush mounted, DALI

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation. Fool proved.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

An additional DALI power supply is needed, e.g. by

Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2CKA006599A2987

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Busch-rotary dimmer 1)

flush mounted, DALI, with internal power supply

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in

Not suitable for combining with other DALI sensors or central units of other manufacturers

DALI-voltage: 15,5 V= Rated current: max. 75 mA Power consumption: < 2,5 W Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as

additional operation point. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2117/11 U-500

or 3060 wallbox concrete)

2CKA006599A2988

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall Product Article-No. Order-No. Pack/Qty



Busch-touch dimmer 1) 2) flush mounted, RL, 25-500 W

With light-level memory and leading edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

Compatible with control covers 6543-xxx-10x.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Parallel operation of several transformers and/or incandescents lamps possible.

Without control cover.

Rated power: 25 - 500 W/VA

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

IEC 60669-2-1, British Standard EN 60669-2-1



6560 U-101-500

2CKA006560A1207

1/10

 $^{1)}\,\mbox{In}$ the case of conventional transformers, take ~20% transformer loss into account. ²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch touch-dimmer range 1) 2) 3) 4) flush mounted, RC, 45-315 W

For switching and dimming 2 independent devices. With trailing edge control.

2gang 1way

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Compatible with control covers 6545-xxx.

Without cover, without cover plate.

Outputs: 2 independent dimmer channels.

Rated power: 40-315 W/VA per channel.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British

Standard EN 60669-2-1



6565 U-500

2CKA006565A0057 1/10

¹⁾ Not suitable with conventional transformers.

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Does not provide an extension input.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty	
	Dunch touch dies			
	Busch-touch dim flush mounted, R			
	B	emory and intelligence	for universal	
	operation.	emory and intelligence	ioi universai	
8,0000		N/OFF function and m	emory function	
		on via output-side, par	-	
		ower module 6594 U ur		
	possible.	one module cos . • up	, , , , , , , , , , , , , , , , , , , ,	
	'	lamps, 230 V tungsten	halogen lamps	
	and low-voltage h	and low-voltage halogen lamps with conventional		
	transformers or e	transformers or electronic transformers.		
	Short-circuit-prod	Short-circuit-proof, overload-protected.		
	With touch contro	ol.		
	Operation also po	ossible via conventiona	l push buttons	
	(2020 US, 2021/6	•		
	Without control c			
		with control lamp 6543		
		e control IR control cov		
		r control element 6455		
		dog 180 flush-mounted	Sensor	
	Standard 6810-21			
		dog 180 flush-mounted xxx-104 and 6800-xxx-1		
	6813/11-xxx.	dog Presence tech 6813	5-XXX-101 und	
	•	Busch-Watchdog exter	sion insert	
	6805 U.	buscii-watchuog exter	ision miser t	
		0 V~, +10 % / -10 %		
	Rated frequency:			
	Rated power: 60 -			
	•	tish Standard EN 6066	9-2-1	

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.

2CKA006590A0171

²⁾ In case of electronic transformers, 5 % transformer losses.

6593 U-500

³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-Dimmer®, capacity booster ¹) flush mounted, RLC, 200-315 W

The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 315 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6594 U-500 2CKA006590A0172

Product	Article-No.	Order-No.	Pack/Qty



Busch-touch dimmer 1) 2) 3) flush mounted, 1-10V

3 wire connection (neutral conductor required).

For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M.

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

2CKA006550A0042

For LED control via control gears

Without control cover.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

6550 U-101-500

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ with integrated making-current limiter



Cover plate 1)

with rotary knob, with indication lamp

Elevated knob.

With transparent luminous ring.

For Busch-Dimmer®.

Control element 1) 2) 3)

For inserts

2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/ 6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.

anthracite	6540-81-102	2CKA006599A2950	10
studio white	6540-84-102-500	2CKA006599A3009	10/100
black matt ²)	6540-885-102	2CKA006599A2966	10/100

¹⁾Replacement neon lamp, Art. No. 3855.

²⁾ Surface painted.



with neon lamp Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-

Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.

anthracite	6543-81-101	2CKA006599A2881	1/10
studio white	6543-84-101-500	2CKA006599A3010	1/10
black matt 4)	6543-885-101	2CKA006599A2968	1/10

¹) Compatible with previous type 6543-xxx.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Touch-type Controller 6550 U-xxx non-illuminable.

³⁾ Replacement neon lamp 3857.

⁴⁾ Surface painted.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
			,
	Control element with neon lamp Combinable with	Busch-Memory 2gang dimn	ner 6565 U.
	6545-81	2CKA006599A2906	1/10
anthracite			1/10
studio white	6545-84	2CKA006599A2908	1/10

²⁾ Surface painted.

	Cover plate for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01.		
anthracite	6541-81	2CKA006599A2882	10
studio white	6541-84	2CKA006599A2835	10
black matt ¹)	6541-885	2CKA006599A2967	10

¹⁾ Surface painted.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
The state of the s	For Busch-Watchdo Standard 6810-21x- For Busch-Watchdo Comfort II 6800-xx. For Busch-Watchdo 6800-3x-102C. For I xxx-101 und 6813/1 For comfort timer of For Busch-Remote For control cover w Combinable with B 6805 U. Operation i buttons (2020 US, 2 Rated voltage: 230 Rated frequency: 50 Outputs: 1x Norma Suitable for: 230 Vilamps, fluorescent	neutral conductor required gr 180 flush-mounted Sensi 101. Ing 180 flush-mounted sensi 101. Ing 180 Flush-mounted sensi 180 FP sensor for All West 180 FP	sor sather 44 tech 6813- 500. 167-xxx-10x. 10x. insert onal push
		(Device): -25 °C to 55 °C60)669-2-1
	6401 U-102-500	2CKA006401A0049	1/10



Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required).

For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

	6402 U-500	2CKA006401A0051	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.		gether with

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	3 wire connection For Busch-Watch Standard 6810-2: For Busch-Watch Comfort II 6800- For Busch-Watch 6813/11-xxx. Rated voltage: 23 Rated frequency: Outputs: 1x Norn Suitable for: 230 lamps, fluorescer	dog 180 flush-mounted xxx-104 and 6800-xxx-1 dog Presence tech 681: 60 V, +10 % / -10 % 50 Hz hally open contact, poto V incandescent lamps, ht lamps and low-voltage perated via transforme	I sensor I sensor 04M. 3-xxx-101 und ential-bound 230 V halogen ge halogen
	Temperature ran Standard EN 606	ge (Device): 0 °C to 55 ° 69-2-1	°CBritish



Busch-Watchdog MOS-Fet Insert 1) 2) 3) 4) 5) 6)

2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

2CKA006800A2160

1/10

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.

Rated power: 60 - 420 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

₽₽₽₽

6804 U-101-500 2CKA006800A2219





Busch-Watchdog extension insert 1)

3 wire connection (neutral conductor required).
For extending Busch-Watchdog 180 flush-mounted and
Busch-Watchdog Presence tech installations.
For combination with relay insert 6401 U-102 and

For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Control/Signal outputs: 1, electronic output, potential-

bound

Temperature range (Device): 0 °C to 35 °C

	remperature range (bevice). 0 C to 35 C			
	6805 U-500	2CKA006800A2161	1/10	
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.			
2gang product combinations:	2gang combination w APBS in Dual Box only			

¹⁾ Not combinable with relay switch insert 6812 U-101.



Busch-Watchdog 180 flush-mounted comfort sensor II 1)

with select-lens

For automatic switching of devices dependent on motion and brightness.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U.

With integrated selector switch for ON-AUTOMATIC-OFF

(lockable)

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 18 sectors with 72 switching

segments.

Switch-off delay: 10 sec to 30 min or short-time pulse

1 sec adjustable.

Detection range: frontal: 12 m, lateral: 8 m $\,$

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

anthracite	6800-81-104	2CKA006800A2268	1
studio white	6800-84-104	2CKA006800A2101	1/10
black matt ²)	6800-885-104	2CKA006800A2506	1

¹⁾ Please order the respective flush-mounted insert separately.

¹⁾ In case of electronic transformers, 5 % transformer losses.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.

⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relais.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

Surface painted.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty	
		,		
	Busch-Watchdog	180 flush-mounted co	mfort	
	sensor II 1) 2)			
-	with multi-lens			
Distance A	For automatic sv	vitching of devices depe	endent on	
100 mag (1)	motion and brightness.			
	For down-to-gro	und detection.		
	For relay inserts	6401 U-102, 6402 U and	6812 U-101.	
	For MOS-Fet inse	ert 6804 U-101.		
	For extension ins	ert 6805 U.		
	With integrated s	selector switch for ON-A	AUTOMATIC-OFF	
	(lockable).			
	Soft phase-out: In combination with the 6593 U (mode			
	of operation: Soft OFF) the illumination is dimmed			
	down within 60 sec and switched off.			
	Surveillance density: 28 sectors with 112 switching			
	segments.			
	Switch-off delay: 10 sec to 30 min or short-time pulse			
	1 sec adjustable.		•	
	Detection range:	frontal: 15 m, lateral: 5 r	m, Mounting	
	height: 2.5 m			
	Detection range	2: frontal: 10 m, lateral: 2	2.5 m, Mounting	
	height: 1.2 m		, 3	
	Detection angle:	180°		
	_	value: 5 Lux Up to daytir	ne operation	
	•	: 0.8 m - 1.2 m alternativ	•	
	Protection class	(Sensor): IP 20		
		ge (Device): 0 °C to 35 °C	С	
anthracite	6800-81-104M	2CKA006800A22	269 1	
studio white	6800-84-104M	2CKA006800A21	102 1/10	

¹⁾ installation: slide switch top.

6800-885-104M

black matt 3)

Cover plate
Proximity switch
For proximity switch 6406 U.

anthracite	6476-81	2CKA006470A0007	1/10
studio white	6476-84	2CKA006470A0004	10
black matt 1)	6476-885	2CKA006470A0011	10

2CKA006800A2500

Product Article-No. Order-No. Pack/Qty



Busch-Universal relay switch insert

3 wire connection (neutral conductor required).

For switching lighting systems.

For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave

insert 6440/05 U-500.

Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 2300 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

2CKA006400A0085



Universal e-contact insert 1)

2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500.

For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert

6440/05 U-500.

Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V \sim , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated power: 20 - 180 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

6440/04 U-500

2CKA006400A0088

²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

¹⁾ Surface painted.

Movement detectors / comfort

Product	Article-No.	Order-No.	Pack/Qty
	For the extension Presence detector For communicati 6440/01 U-500. For communicati 6440/04 U-500. For Busch-Comfo 6815101-500. For Busch-Preser Rated voltage: 23 Rated frequency: Control/Signal or bound Temperature range	in (neutral conductor require of Busch-Comfort switch or installations. on with Universal relay insect on with Universal-e-contact of switch control element once detector sensor 6813 10 V~, +10 % / -10 % 50 Hz - 60 Hz utputs: 1, electronic output ge (Device): -5 °C to 45 °C W x D): 71 mm x 71 mm x 32	or Busch- ort t insert -102-500. , potential-
	6440/05 U-500	2CKA006400A0091	1

Busch-Comfort switch control element 1) 2) with neon lamp

Movement detector/push-button switch combination. Push switch function possible at all times.

For switching lighting systems that depend on brightness and movement.

Extension of the detection range by means of master/ slave combination.

Additional activation/deactivation possibility through pushbutton input.

Adjustable operating mode: automatic mode, automatic

(motion-controlled) switch-on and switch-off. Adjustable operating mode: semiatuomatic, manual switch-on, automatic (time and motion-controlled) switch-off.

Adjustable operating mode: automatic switch-on, manual switch-off.

With continuous light/continuous off function. Adjustment elements on the rear.

Surveillance density: 9 sectors with 28 switching

Switch-off delay: 1 to 10 min., adjustable.

For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500.

For Universal-Slave insert 6440/05 U-500.

Control element: 2 controllers for setting the brightness

switching threshold and switch-off delay.

Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting

height: 1.1 m

Detection angle: 170 $^{\circ}$

Brightness limit value: 0.5 Lux - 500 Lux, Daytime

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm

DIN EN 60669-2-1

anthracite	6815-81-101-500	2CKA006800A2828	1
studio white	6815-84-101-500	2CKA006800A2834	1
black matt 3)	6815-885-101-500	2CKA006800A2840	1

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	pulled out in the or Delivered without Rated voltage: 25 Rated current: 10	1-pole cylindrical lock. and switched-off status the k central position, respectively t cylindrical lock. V~ AX (Device): IP 20IEC60669-1, Bi	y.
	2733 USL-101	2CKA001101A0914	10
Mounting boxes:	35 mm deep flush or Dual Box 3070-	5 5	
2gang product combinations:	2gang combinati APBS in Dual Box	on with adapter plate only.	
neon indicator:	not applicable		
delivery form:	Adapter plate AP	BS to be ordered separate.	
¹) For installation o	n British Standard wa	allboxes please use adapter pla	te APBS

^{(6599-0-2813), (}Depth of box 60 mm.)

³⁾See profile semi-cylindrical lock.



Blind switch insert 1) 2)

With interlock.

Rated voltage: 250 V~ Rated current: 10 AX

IEC60669-1, British Standard EN 60669-1

SP, switch		
2000/4 US-500	2CKA001012A2197	10/100
SP, push switch.		
2020/4 US-500	2CKA001413A1103	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.



Blind switch insert 1) 2)

With rotary knob/switch and push switch.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1. British Standard EN 60669-1

	DP ³)		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	2CKA001101A0542	10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		
delivery form:	Adapter plate APBS to	be ordered separate.	

 $^{^{1)}\}mbox{Only}$ in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Use the cylindrical lock according to the enclosed drawing.

²⁾ Blind switches/push switches prevents fast change over between operating directions

³⁾ Also suitable for controlling direct voltage drives.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	, ,	,	
	Blind switch inse	• •	



With rotary knob/push buttor Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP 3)			
2722 U	2CKA001101A0559	10	
SP, N, E			
2723 U	2CKA001101A0567	10	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Also suitable for controlling direct voltage drives.



Blind switch/push-switch 1) 2) 3) 4)

For profile semi-cylindrical lock/switch and push-switch.

Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP ⁵)			
2712 USL-101	2CKA001101A0872	10	
SP, N, E			
2713 USL-101	2CKA001101A0880	10	

 $^{^{1)}}$ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

⁵⁾ Also suitable for controlling direct voltage drives.



Blind switch insert 1) 2) 3) 4)

For profile semi-cylindrical lock/push-button. Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

British Standard EN 60669-1, IEC60669-1

DP 5)			
2722 USL-101	2CKA001101A0898	10	
SP, N, E			
2723 USL-101	2CKA001101A0906	10	

³⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

Product	Article-No.	Order-No.	Pack/Qty



DIN profile-semi cylindrical lock

Acc. to German Standard DIN 18252.

Total length 40 mm

for blind switches and push switches

For inserts 2712/2713/2722/2723/2733 USL-101 and

2712/2733 SLW-5x.

Protection class (Device): IP 20

different lock mecha	anism, with 3 keys	
0520 PZ-VS	2CKA000470A0013	1/100
lock mechanism, wit	th 3 keys	
0521 PZ-GS	2CKA000470A0021	1/100



Comfort blind insert 1) 2) 3)

with memory and positioning function

For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob.

Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off.

Suitable for operation without neutral conductor.

Without an extension input.

Power reserve of 45 minutes (maintenance-free as

capacitor).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos φ 0.5

Rated power: 300 VA

Temperature range (Device): 0 °C to 35 °C

641011	201400011040200	1 /10
6419 U	2CKA006410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

³⁾ Only suitable for single unit control.



Basic blind insert 1) 2)

2-wire blind insert

Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.

Suitable for operation without neutral conductor.

Without an extension input.

For control cover 6430-xx-xxx.

For standard timer control element 6456-101.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact Rated current: 3 A, cos ϕ 0.5 Rated power: 690 VA

Temperature range (Device): 0 °C to 35 °C

	6418 U-500	2CKA006410A0376	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
1) N			

¹⁾ N-conductor connection required for operation with control cover 6430-7x, illuminated.

²⁾ Blind switches/push switches prevents fast change over between operating directions

²⁾ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

²⁾ Blind switches/push switches prevents fast change over between operating directions.

 $^{^{}m 3)}$ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Blind con	trol II switch insert ¹)	,
1	Suitable for blind	l, roller blind and awnin	g drives with
	mechanical or ele	ectronic limit switch sh	ut-off.
8	With two 230 V n	nulti-way input terminal	s (Up/Down) for
HOGOG H	group control.		
	With operating n	node switch for the follo	owing modes:
	normal, louvre, b	ase station, position.	
		on (disables the local c	•
	combination wit	h Busch-Blind control II	control cover
	6430-xx-xxx, 606		
		ning functions can be a	ccommodated
	via extension inp		
	For control cover	0.00 /// ////	
		ment 6066-xx-xxx.	
		er control element 6455	-101-500.
	Running time: 3 r		
		30 V~, +10 % / -10 %	
	Rated frequency		
	•	nally open contact	
	Rated current: 3	, ,	
	Rated power: 69) VA	
	Control/Signal o	utputs: 2	
	Temperature ran	ge (Device): 0 °C to 35 °	С

¹⁾ Compatible with types 6411 U/x.



Brightness sensor

6482

6411 U-500-101

For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.

2CKA006410A0378

2CKA006410A0203

1/10

	6414-101	2CKA006410A0389	1/10	
â	Sun sensor For insert 6411U Measuring range	•		





Busch-Short-time timer insert ¹) countdown timer

For time-programmed switching of electrical consumers.

With control cover, without cover plate.
Minimum timer time: 1 second.
Maximum timer time: 9:59:59 hours.
Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Outputs: 1x Normally open contact Rated current: 10 A, cos ϕ 1 Rated power: 2300 VA

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

	British Standard EN 60669-2-1		
	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9	
Cover frames:	1gang frame 1721 BS-7 or Dual Box frame 172		
2gang product combinations:	2gang combination w APBS in Dual Box only		
neon indicator:	not applicable		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker with marking

As cover for flush-mounted blind control switch/push switch.

For inserts 2000/4 and 2020/4 US. Protection class (Device): IP 20

anthracite	1785 JA-81	2CKA001751A2934	10
studio white	1785 JA-84-500	2CKA001751A3088	10/100
black matt ¹)	1785 JA-885	2CKA001751A3036	10

¹⁾ Surface painted.



Cover plate

with rotary control, with marking

As cover for flush-mounted blind control switch/push switch.

For inserts 2712 U, 2713 U and 2722 U, 2723 U. Protection class (Device): IP 20

anthracite	1740-81	2CKA001710A3623	10
studio white	1740-84	2CKA001710A3172	10/100
black matt 1)	1740-885	2CKA001710A3894	10

¹⁾ Surface painted.



Cover plate 1) with labelling field

With marking.

For half-cylindrical type switches and blind control switch/push-switch.

For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.

Protection class (Device): IP 20

anthracite 1755 SL/PZ-81-101 2CKA001710A3626 10 studio white 1755 SL/PZ-84-101 2CKA001710A3175 10 black matt ²) 1755 SL/PZ-885-101 2CKA001710A3902 10

 $^{^{1)}} For compatible lettering software, visit www. {\tt BUSCH-JAEGER-labeling tool.com}.$

²⁾ Surface painted.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
Δ	Control element	trol II insert 6411 U-101,	,
	6411 U/S-101.	troi ii iiisert 6411 0-101,	
	For basic blind inser		
∇	For Busch-Universal	2gang 1way insert 6402 l	J.
anthracite	6430-81-102	2CKA006430A0326	1/10
studio white	6430-84-102-500	2CKA006430A0400	1/10

2CKA006430A0386

1/10

black matt 1)

1) Surface painted.



Cover plate 1) with rotary knob

6430-885-102

For comfort blinds insert 6419 U.

anthracite	6436-81	2CKA006430A0387	10
studio white	6436-84	2CKA006430A0358	10
black matt ²)	6436-885	2CKA006430A0364	10

¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.

²⁾ Surface painted.



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.

anthracite	6436-81	2CKA006430A0387	10
studio white	6435-84	2CKA006430A0306	10
black matt 1)	6435-885	2CKA006430A0389	10

¹⁾ Surface painted.



Time switch mechanism 16 A 1) 2)

DP, break contact for staircases, exterior lighting, fans, etc.

Running time: 15 min. For time-programmed switching of electrical consumers.

Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, $\cos \phi$ 0.25 Protection class (Device): IP 20

1070 U 2CKA001043A0025 1/3	10
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¹⁾ For screw-fixing only

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Time switch mechanism 16 A 1) 2)

DP, break contact for staircases, exterior lighting, fans, etc.

Running time: 120 min. For time-programmed switching of electrical consumers.

Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, $\cos \phi$ 0.25 Protection class (Device): IP 20

¹⁾ For screw-fixing only





Cover plate with rotary knob, with marking For Busch-Timer insert 1070 U.

Running time: 15 min Protection class (Device): IP 20

anthracite	1770-81-103	2CKA001753A0255	10
studio white	1770-84-103	2CKA001753A0258	10
black matt 1)	1770-885-103	2CKA001753A0261	10

¹⁾Surface painted.



Cover plate with rotary knob, with marking

For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20

anthracite	1771-81-103	2CKA001753A0265	10
studio white	1771-84-103	2CKA001753A0301	10
black matt 1)	1771-885-103	2CKA001753A0304	10

¹⁾ Surface painted.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
0	SCHUKO® socket o With screwless tern DP (2 P + E) Rated voltage: 250 Rated current: 16 A Protection class (De	v~	
anthracite	20 EUC-81	2CKA002011A3801	10/100
studio white	20 EUC-84-500	2CKA002011A6207	10/100
black matt 1)	20 EUC-885	2CKA002011A3883	10/100
1) Surface painted	d.		



SCHUKO® socket outlet without claw 1) shuttered

Without claws. With screwless terminals. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCRB-81	2CKA002013A5437	10/100
studio white	20 EUCRB-84-500	2CKA002013A5441	10/100
black matt ²)	20 EUCRB-885	2CKA002013A5444	10/100

¹⁾ Increased shock protection .



SCHUKO® socket outlet 1) 2)

shuttered

With screw-type terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	2300 EUCB-81	2CKA002013A5448	10
studio white	2300 EUCB-84	2CKA002013A5451	10/100
black matt 3)	2300 EUCB-885	2CKA002013A5454	10/100

¹⁾ Increased shock protection.

³⁾ Surface painted.



SCHUKO® socket outlet 1)

shuttered

With screwless terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

anthracite 20 EUCKS-81 2CKA002013A5265 10 studio white 20 EUCKS-84-500 2CKA002013A5372 10/100 20 EUCKS-885 2CKA002013A5333

black matt 2)





SCHUKO® USB socket outlet 1) 2) 3)

shuttered

With screwless terminals.

DP (2 P + E)

For supply and support of mobile devices via USB-cable.

With USB female connector type A.

With electronic short-circuit protection.

With electronic overload protection.

Simultaneous charging via USB connection and use of

the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz

Suitable for: SCHUKO® socket outlet

Rated current: 16 A

Suitable for: USB connection

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

anthracite	20 EUCBUSB-81	2CKA002011A6158	1
studio white	20 EUCBUSB-84-500	2CKA002011A6179	1/10
black matt 4)	20 EUCBUSB-885	2CKA002011A6165	1

 $^{^{1)}\}mbox{Connecting terminals approved in accordance with VDE 0620-1 as connectors.}$

⁴⁾ Surface painted.



Busch-Socket outlet 1)

shuttered With screwless terminals.

DP (2 P + E)

With eject mechanism. Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCBDR-81	2CKA002013A5415	10
studio white	20 EUCBDR-84	2CKA002013A5418	10
black matt ²)	20 EUCBDR-885	2CKA002013A5421	10

 $^{^{1)}}$ Increased shock protection .

²⁾ Surface painted.



10/100

SCHUKO® socket outlet steplight® 1) 2) With night orientation light

with separate connection cables for switch contact. with LED,

Shuttered. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCBLI-81	2CKA002013A5459	1	
studio white	20 EUCBLI-84	2CKA002013A5294	1	
black matt 3)	20 FUCBLI-885	2CKA002013A5331	1	

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ With screw-type terminals

¹⁾ Increased shock protection .

²⁾ Surface painted.

²⁾ No data transfer

³⁾ Use dust cover 2098 when cleaning the device.

²⁾ Resistant to aggressive media, e.g. ammonia, benzine, oils, greases, alcohol, cleansing agents, in normal concentrations.

³⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket	•	
	DP (2 P + E) Size of labelling f		
0	Rated voltage: 25 Protection class (0 V~, Rated current: 16 A (Device): IP 20	
anthracite	20 EUN-81	2CKA002011A3802	10

studio white	20 EUN-84-500	2CKA002011A6209	10/100
black matt ²)	20 EUN-885	2CKA002011A3884	10

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com. $^{2)}$ Surface painted.



SCHUKO® socket outlet 1) 2) with label field, increased shock protection

Size of labelling field: 60 x 9 mm. With screwless terminals.

DP (2 P + E)

Shuttered.

Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20

anthracite	20 EUCNB-81	2CKA002013A5427	10
studio white	20 EUCNB-84-500	2CKA002013A5431	10/100
black matt 3)	20 EUCNB-885	2CKA002013A5434	10/100

 $^{^{} ext{\tiny 1}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Surface painted.



SCHUKO® socket outlet ¹) with marking "EDV"

With screwless terminals.

DP (2 P + E)

Shuttered.

Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20

anthracite	20 EUCKS/DV-81	2CKA002013A5266	10	
studio white	20 EUCKS/DV-84	2CKA002013A5268	10	
black matt ²)	20 EUCKS/DV-885	2CKA002013A5332	10	

 $^{^{1)}}$ Increased shock protection .

²⁾ Surface painted.



Busch-Protector® SCHUKO® socket outlet ¹) with overvoltage protection

DP (2 P + E)

With integrated and external signalling contact. ISN = 5 kA. Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.

Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.

Arrestor test class: classification Type 2 Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20

anthracite	2310 EUGL/VA-81-11	2CKA002011A3830	1
studio white	2310 EUGL/VA-84-11	2CKA002011A3833	1
red RAL 3020	2310 EUGL/ VA-12-82-101	2CKA002011A6257	1/10
black matt ²)	2310EUGL/VA-885-1	12CKA002011A3885	1

 $^{^{\}mbox{\tiny 1)}}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

Product	Article-No.	Order-No.	Pack/Qty



SCHUKO® socket outlet with LED control light

Shuttered. DP (2 P + E)

With transparent lens.

LED colour green.
Rated voltage: 250 V~
Rated current: 16 A

Protection class (Device): IP 20

	•	•	
anthracite	20 EUCBL-81	2CKA002013A5457	10
studio white	20 EUCBL-84	2CKA002013A5286	10
black matt 1)	20 EUCBL-885	2CKA002013A5330	10

¹⁾ Surface painted.



Busch-Object socket outlet 1)

shuttered

With screwless terminals.

DP (2 P + E)

Incl. Cover plate with extract mechanism.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUAB-81	2CKA002013A5404	10	
studio white	20 EUAB-84	2CKA002013A5407	10	
black matt 2)	20 EUAB-885	2CKA002013A5410	10	

 $^{^{\}mbox{\tiny 1)}}\mbox{Increased shock protection}$.

²⁾ Surface painted



FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) 1) 2) with earth leakage circuit breaker

Shuttered.

DP cut off (P,N)

Without PE monitoring.

With connecting conductor and protection of

downstream socket outlets.

Rated fault current: 30 mA.

With fixing claws.

Rated frequency: 45-60 Hz.

Rated voltage: 230 V~ Rated current: 16 A

Protection class (Device): IP 20

Temperature range (Device): -25 °C to 40 °C

anthracite	3120 EUCB-81	2CKA003116A0667	1/10	
studio white	3120 EUCB-84	2CKA003116A0662	1	
black matt 4)	3120 EUCB-885	2CKA003116A0671	1/10	

Donnecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Increased shock protection .

²⁾ Surface painted

²⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

³⁾ Increased shock protection .

⁴⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	
•	Protection of dov Rated fault currer DP cut off (P,N) With fixing claws. Rated frequency: Rated voltage: 23 Rated current: 16 Protection class (ge breaker with connecting vnstream consumers. nt: 30 mA. 45-60 Hz. 0 V~ A	g conductor	
anthracite	3151 UC-81	2CKA003117A0009	1/10	
studio white	3151 UC-84	2CKA003117A0006	1/10	
black matt ²)	3151 UC-885 2CKA003117A0013 1/10			

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

²⁾ Surface painted.



SCHUKO® socket outlet with hinged lid

With screwless terminals.

DP (2 P + E)

Hinged lid notches when opened.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

	1 Total Class (Bevice). II 20			
anthracite	20 EUK-81	2CKA002018A1486	10	
studio white	20 EUK-84-500	2CKA002018A1509	10/100	
black matt 1)	20 EUK-885	2CKA002018A1495	10	

¹⁾ Surface painted.



SCHUKO® socket outlet 1)

with hinged lid and internal increased shock protection

Shuttered.

With screwless terminals.

DP (2 P + E) with hinged lid

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	anthracite 20 EUKB-81 2CKA002018A1517 10/100				
studio white	20 EUKB-84	2CKA002018A1520	10/100		
black matt ²)	20 EUKB-885	2CKA002018A1523	10/100		
anthracite 3)	20 EUKBR-81	2CKA002018A1526	10/100		
studio white 3)	20 EUKBR-84	2CKA002018A1529	10/100		
black matt 2) 3)	20 EUKBR-885	2CKA002018A1531	10/100		

¹) Increased shock protection .

Product	Article-No.	Order-No.	Pack/Qty



SCHUKO® socket outlet 1) 2) 3) with hinged lid and labelling field

Shuttered.

With screwless terminals.

DP (2 P + E)

with hinged lid

Size of labelling field: 60 x 9 mm.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20				
anthracite 20 EUKNB-81 2CKA002018A1537 10/100				
studio white	20 EUKNB-84	2CKA002018A1540	10/100	
black matt 4)	20 EUKNB-885	2CKA002018A1542	10/100	

¹⁾ Increased shock protection.

⁴⁾ Surface painted.



SCHUKO® socket outlet 1)

with hinged lid and lock

Shuttered.

With screwless terminals.

DP (2 P + E)

With different lock mechanism.

Delivery includes 2 keys.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUKNBSL-81	2CKA002018A1557	10
studio white	20 EUKNBSL-84	2CKA002018A1563	10
black matt 2)	20 EUKNBSL-885	2CKA002018A1567	10

¹⁾ Increased shock protection.

²⁾ Surface painted.



SCHUKO® socket outlet 1) with hinged lid and lock

Shuttered.

With screwless terminals.

DP (2 P + E)

With evenly engaging lock.

Delivery includes 2 keys.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUKNBSL-81-101	2CKA002018A1558	10	
studio white	20 EUKNBSL-84-101	2CKA002018A1564	10	
black matt ²)	20 EUKNBSL-885-101	. 2CKA002018A1568	10	

¹⁾ Increased shock protection .

²⁾ Surface painted.



SCHUKO® socket outlet 1) 2) 3)

with hinged lid, labelling field and LED control light

Shuttered.

With screwless terminals.

DP (2 P + E)

with hinged lid

Size of labelling field: 60 x 9 mm.

Rated voltage: 250 V~, Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUKNBL-81	2CKA002018A1548	10/100
studio white	20 EUKNBL-84	2CKA002018A1551	10/100
black matt 4)	20 EUKNBL-885	2CKA002018A1553	10/100

¹⁾ Increased shock protection .

²⁾ Surface painted.

³⁾ Without claw.

²⁾ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{\}rm 2)}$ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{\}scriptscriptstyle{(4)}}$ Surface painted.

Socket outlets

Article-No.

Product

C	Double SCHUKO® socket outlets Without claws. With screwless terminals. DP (2 P + E) Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~, Rated current: 16 A	
studio white	20-02 EUJR-84-503 2CKA002014A1370	10
	Socket outlet 1) shuttered Without claws. With screw-type terminals. DP Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~, Rated current: 16 A	
anthracite	2300 UCRKS-81-503 2CKA002113A5339	10
studio white	2300 UCRKS-84-503 2CKA002113A0511	10
black matt 2)	2300 UCRKS-885-503 2CKA002113A5340	10

Order-No.



13 A Switched socket outlet

SP switched

1gang

Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.

Rated voltage: 250 V~

Rated current: 13 ABS 1363: part2

anthracite	2190 EUC-81	2CKA002190A0216	10/100
studio white	2190 EUC-84	2CKA002190A0215	10/100
black matt 1)	2190 EUC-885	2CKA002190A0219	10

¹⁾ Surface painted.



Socket outlet 1) 2)

with earthing pin

With screwless terminals. Shuttered.

DP (2 P + E)

For supply and support of mobile devices via USB-cable.

With USB female connector type A.

With electronic short-circuit protection.

With electronic overload protection.

Simultaneous charging via USB connection and use of

the SCHUKO® socket outlet.

Suitable for the countries like Poland, Czech Republic.

Rated voltage: 250 V~

Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz

Suitable for: Socket outlet connection

Rated current: 16 A

Suitable for: USB connection

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

	Mounting acptil. 33 mil	""		
anthracite	20 MUCBUSB-81-500	2CKA002017A0893	1	
studio white	20 MUCBUSB-84-500	2CKA002017A0876	1	
black matt ³)	20 MUCBUSB-885-500	2CKA002017A0897	1	

¹⁾ No data transfer.

Product	Article-No.	Order-No.	Pack/Qty



Pack/Qty

Shaver socket outlet

For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 %

Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Rated power: 20 VA

anthracite	2332 UJBS-81	2CKA002130A0297	1
studio white	2332 UJBS-84	2CKA002130A0292	1
black matt 1)	2332 UJBS-885	2CKA002130A0295	1

¹⁾ Surface painted.



Flush-mounting wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx.

Protection class (Device): IP 20

Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm

3030 2CKA001741A0067



Flush-mounting cavity wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx.

Protection class (Device): IP 20

Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm

3031 2CKA001741A0068



2gang European/American socket outlet, 10A

2aana

With screw-type terminals.

SP switched

Without claws.

Rated voltage: 250 V~, Rated current: 10 A

delivery on request 2192-02 UC-81-500

anthracite delivery on request studio white 2192-02 UC-84-500



Socket outlet 1)

with earth pin

With screwless terminals.

Suitable for the countries: Belgium, Poland, Czech Republic.

DP (2 P + E)

Rated voltage: 250 V~, Rated current: 16 A

2CKA002017A0854 10/100

1) Insert can be used for all covers 2399 UCKS-xx.



Socket outlet cover frame

For socket outlet insert 20 M-500. Rated voltage: 250 V~

anthracite	2399 UCKS-81	2CKA002099A0216	10
studio white	2399 UCKS-84	2CKA002099A0214	10
black matt 1)	2399 UCKS-885	2CKA002099A0256	10/100

¹⁾ Surface painted.

²⁾ Use dust cover 2098 when cleaning the device.

³⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet with earthing pin With screwless terr Suitable for the cou DP (2 P + E) Rated voltage: 250 Rated current: 16 A Protection class (D	untries like Poland, Czech I V~	Republic.
studio white	20 MUC-84-500	2CKA002017A0786	10/100

	with earth. pin/increased shock protection With screwless terminals. Shuttered. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		Republic.
anthracite	20 MUCKS-81-500	2CKA002017A0898	10
studio white	20 MUCKS-84-500	2CKA002017A0807	10
black matt ²)	20 MUCKS-885-500	2CKA002017A0902	10

 $^{^{\}mbox{\tiny 1)}}\mbox{Socket}$ outlet with integrated child protection. Replaces the usual term"...with child protection".

²⁾ Surface painted.

	Chinese socket outlet, 10 A 1gang
	With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A Rated current: 10 A
	delivery on request
anthracite	2193 EUC/10-81-500
	delivery on request
studio white	2193 EUC/10-84-500

de	elivery on request
	<u> </u>
anthracite 21	193 EUC/16-81-500
anthracite 21	193 EUC/16-81-500
antinacite 2.	193 EUC/16-61-300
	•
de	elivery on request

4 1	Chinese and Euro American socket outlet, 10 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A
	delivery on request
anthracite	2195 EUC/10-81-500
	delivery on request
studio white	2195 EUC/10-84-500

Product	Article-No.	Order-No.	Pack/Qty
	International soc	ket outlet 13A ¹)	,
	1gang		
•	With screw-type	terminals.	
	Without claws.		
4 -	Rated voltage: 25	0 V~	
	Rated current: 13	Α	
	delivery on reque	st	
anthracite	2197 EUC-81-50	0	
	delivery on reque	st	
studio white	2197 EUC-84-50	0	

	Euro American socket outlet with earth, 16 A
	1gang
	With screw-type terminals.
	Without claws.
	Rated voltage: 250 V~
	Rated current: 16 A
	delivery on request
anthracite	2196 EUC-81-500
	delivery on request
studio white	2196 EUC-84-500

Back /Oty

Busch-axcent®

Data communication

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.
	power supply fro Operation as WL WLAN terminal d Operation as WL transmission ran Operation as WL terminal devices	AN access point for the evices to the LAN. AN repeater for extendige of a WLAN. AN adapter for integrat	connection of ng the ing Ethernet		Universal data co outlet 1) 2 x outlets, 8/8-p With down-leadin For 8-pole plug, R Design according Screw contacts With claw. Protection class (
		ed WLAN antenna. ction of an Ethernet cal	ala via caravi		0215
	terminals (10/10			Mounting boxes:	35 mm deep flush or Dual Box 3070-
		tions (WLAN, Ethernet,		2gang product combinations:	2gang combination
	and Ethernet/RJ integrated switch	45)can be used in paral	lel via the	neon indicator:	not applicable
	Power supply via Nominal voltage:	2-pole connecting term 100 - 240 V~		¹⁾ Suitable for cove	r plate 1803-02-xxx.
	For mounting in mounted and ho Rated frequency: Protection class	50 Hz - 60 Hz (Device): IP 20			Data-connection 1gang With down-leadin RJ-45 terminals for EA (10 Gbits/s / 5

¹⁾ Suitable for cover plate 1803-xxx.

Reset magnet



For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.

Protection class (Device): IP 20

8186/11-500 2CKA008100A0361



Universal data connection unit, cat. 3 1) 1gang

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

0213-500 2CKA000230A1549 10/100

¹⁾ Suitable for cover plate 1803-xxx.



Universal data connection box with down-leading outlet 1)

2gang internally parallel connected

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

class (Davissa), ID 30

	Protection class (Device): IP 20				
	0214	2CKA000230A0235	10/100		
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.				
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.				
neon indicator:	not applicable				

¹⁾ Suitable for cover plate 1803-02-xxx.

Product	Article-No.	Order-No.	Pack/Qty		
	Universal data co	nnection box with down-le	eading		
	2 x outlets, 8/8-pole				
	With down-leadir	ig outlet.			
	For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.				
1	Design according to IEC 60 603-7-2:2007.				
	Screw contacts				
	With claw.				
	Protection class (Device): IP 20				
	0215	2CKA000230A0243	10		
Mounting	35 mm deep flush	n 1gang			
boxes:	or Dual Box 3070	-2/35 BSDB.			
2gang product	2gang combinati	on with adapter plate			
combinations:	APBS in Dual Box	only.			

Order No

ection box, RJ 45, cat. 6a iso, shielded 1)

leading outlet and LSA self-cutting clamps. nals for networks according to Cat 6A, Class s/s / 500MHz).

Equates to cat. 6a, Class EA according to

ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for RJ 11. RJ 12 und RJ 45.

For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without claws

Mounting depth: 31 mm.

Protection class (Device): IP 20

2CKA000230A0409 0218/11-101 1/10

²⁾ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

[&]quot;Suitable for cover plate 1803-xxx.

Data communication

Product	Article-No.	Order-No.	Pack/Qt
	2 x outlets, 8/8 With down-lead	ing outlet and LSA self-c	utting clamps.
	EA (10 Gbits/s /	6a, Class EA according to	
	Terminal marking Typ according to Shielding according	ng A and B according to T o EN 60 603-7-51:2011-01 ding to DIN EN 55022, Cla on all pairs of wires.	
	Suitable for 10-	Gigabit Ethernet. E+ according to IEEE 802.	3at, >- 1.000
	Earthing of hou back possible.	es from all sides without Ising via 6,3 mm blade ter	
	Suitable for RJ	a-and-Match operation. 11, RJ 12 und RJ 45.	
	For trunk system underfloor syst		
	For wires of AW Without claws. Mounting deptl Protection class	n: 31 mm.	

1) Suitable for cover plate 1803-02-xxx.



Universal data connection box 8(6)/ telephone unit 6F+N - connection box 1)

2CKA000230A0411

1/10

10/100

2 x 6-pole

0218/12-101

with straight outlet,

with screw contacts.

Universal data-connection boxes: RJ 11/12,

ISDN capable Cat. 3 in acc. with IEC 603-7/German

Standard DIN EN 60603-7,

Telecommunication outlet (telephone unit): for 1 telephone, 1 auxiliary device or 1 data transmission unit,

With claw.

Protection class (Device): IP 20

2CKA000230A0381 UAE 8(6)TAE 6 F+N white

1) Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.



Satellite co-axial outlets

2 connectors/dead-end feeder

Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

2CKA000230A0250 10/100



Antenna socket insert Radio/TV 2 connectors/loop through type

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

0231-101 2CKA000230A0268 10/100 Product Article-No. Order-No. Pack/Qty



Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder

Broadband technology 47-2.150 MHz.

SAT connection designed as screwable F-male plug.

with remote feed via F-bush

For DVB-T and broadband-cable-systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

0232-101-500 2CKA000230A0463 10/100

Terminating resistor 75 Ohm



Protection class (Device): IP 20

0239 2CKA000230A0201 10/100



Mounting plate 1) 2) with green insert

For 2 modular jack inserts.

For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws.

Protection class (Device): IP 20

1810-500 2CKA001753A9974

1) Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2)

with red insert

For 2 modular jack inserts.

Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone,

Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts

For Telegärtner AMJ/UMJ connection modules/

couplings. For 2 fiber optic modules of the following types:

3M-Volition, Krone, mvk.

Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws.

Protection class (Device): IP 20

2CKA001753A9972

10/100

 $^{\mbox{\tiny 2)}}\mbox{For further information, please refer on the Internet.}$

1812-500

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

Data communication

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Mounting plate 1) 2) with black insert For MTRJ or 2 modular jack inserts. For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.				modules 0219. For channel and	odation of one or two univ under-floor installation. whone connection unit cov 6-xxx.	
	tyco Electronics	modules of the followin MTRJ.	g types: AMP /		0219/13	2CKA000230A039	6 1/10
	Without claws.	s: (WxH) approx. 14.8 x 2	20.4 mm.			e, RJ 45, cat. 6a iso, shield	ded ¹)
	Protection class	(Device): IP 20		11.0	1gang		

10/100

1814-500



Mounting plate 1) 2) with blue insert

For 2 modular jack inserts.

For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45

2CKA001753A9973

Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.

Without claws.

Protection class (Device): IP 20

2CKA001710A3100

1) Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with orange base

For 2 modular jack inserts.

For system: LexCom 150 and LexCom 250.

Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.

Without claws.

Protection class (Device): IP 20

2CKA001753A8056 1819 10/100

1) Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with grey base

For 2 modular iack inserts.

For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.

Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws.

Protection class (Device): IP 20

1820 2CKA001753A8057

²⁾ For further information, please refer on the Internet.



Flush-mounted assembly adapter

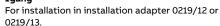
For the accommodation of one or two universal modules 0219.

For flush-mounted installation.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

Protection class (Device): IP 20

0219/12 2CKA000230A0395 1/10



Also suited for mounting into cover plate 2561-xxx. 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class

EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Cat. 6A according to ISO/IEC 11801: 2011-06. Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B. Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Bend-radius optimised cable feed (30°).

Earthing of housing via 6,3 mm blade terminal at the back possible.

Re-embedded proofed. Suitable for Mix-and-Match operation.

For 8-pole plug RJ 45 only.

Housing made from diecast zinc.

With integrated dust-protection cap (can be removed if

necessary).

With insulation displacement connection

For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Protection class (Device): IP 20

0219-101 2CKA000230A0413

1) With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.



Modular-Jack insert

6-pole Cat. 3 (AMP-No. 216000-2)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).

Protection class (Device): IP 20

0210 2CKA000225A0078 10



Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22)

Protection class (Device): IP 20

2CKA000225A0086

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

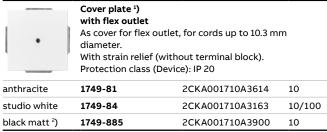
Data communication

Product	Article-No.	Order-No.	Pack/Qty
ONE	Built-in jack For potential bala in cover plates. For devices of 19 r Protection class (I	····· alaineten	nstallation
	0471-0-0037	2CKA000471A0037	10
1	0037 acc. to Germ	2095 UC-212 and built-in jac an Standard DIN 42801. ncing jack cover plate (conr I or soldered)	
	0299-0-0032	2CKA000299A0032	10
	Blank plate with metal mount	ting plate	,

anthracite	1742-81	2CKA001710A3612	10
studio white	1742-84-500	2CKA001710A3991	10/100
black matt 1)	1742-885	2CKA001710A3895	10

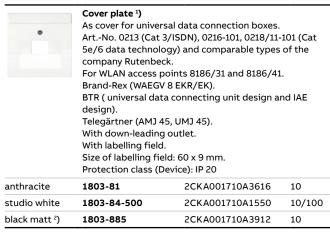
Protection class (Device): IP 20

¹⁾ Surface painted.



¹⁾ Cover plate can also be used individually as cover for telephone connector boxes (VDo).

²⁾ Surface painted.



¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate 1)

2gang

As cover for universal data connection boxes. Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. Brand-Rex (WAEGV 8/8 EKR/EK). AMP (NETCONNECT 5E). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm.

	Protection class (Device): IP 20			
anthracite	1803-02-81	2CKA001710A3615	10	
studio white	1803-02-84-500	2CKA001710A1551	10/100	
black matt ²)	1803-02-885	2CKA001710A3911	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.



Cover plate

For telephone connection unit.

USB power adapter insert 6472 U.

For USB, VGA, HDMI inserts and communication adapter.

For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13.

For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20

anthracite	1766-81	2CKA001710A3613	10
studio white	1766-84-500	2CKA001710A3992	10/100
black matt 1)	1766-885	2CKA001710A3903	10

¹⁾ Surface painted.



Cover plate

As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20

anthracite	1745-81	2CKA001710A3624	10	
studio white	1745-84	2CKA001710A3173	10	
black matt 1)	1745-885	2CKA001710A3896	10	

¹⁾ Surface painted.



Cover plate 1) socket outlet Telephone socket (TDO)

anthracite	1762-81-506	2CKA001710A4103	10/100
studio white	1762-84-506	2CKA001710A4106	10/100
black matt ²)	1762-885-506	2CKA001710A4109	10/100

 $^{^{1)}}$ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).

²⁾ Surface painted.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
c.c	With 2 connectors	tandard DIN 45330. rew.	outlets
anthracite	1743-81	2CKA001724A4252	10
studio white	1743-84-500	2CKA001724A4332	10/100
black matt 3)	1743-885	2CKA001724A4298	10/100

¹⁾ Third opening can be knocked out.

³⁾ Surface painted.



Cover plate

As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.
Protection class (Device): IP 20

anthracite	1743-04-81	2CKA001724A4374	10	
studio white	1743-04-84	2CKA001724A4377	10	
black matt 1)	1743-04-885	2CKA001724A4380	10	

¹⁾ Surface painted.



Cover plate

As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Protection class (Device): IP 20

anthracite	1743/10-04-81	2CKA001724A4365	10
studio white	1743/10-04-84	2CKA001724A4368	10/100
black matt 1)	1743/10-04-885	2CKA001724A4371	10

¹⁾ Surface painted.



Cover plate 1) with labelling field

For modular jack with slide entrance.

To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and

Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20

anthracite	1800-81	2CKA001710A3627	10
studio white	1800-84-500	2CKA001710A3990	10/100
black matt ²)	1800-885	2CKA001710A3910	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com. ²⁾ Surface painted.



Cover plate modular jack,

For 1 modular jack.

Suitable for Art. Nos. 0210, 0211 and 0219-101.

Without claws.

Protection class (Device): IP 20

anthracite	2561-81	2CKA001753A0400	10	
studio white	2561-84	2CKA001753A0403	10	
black matt 1)	2561-885	2CKA001753A0406	10	

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
<u>-</u>	Cover plate modular jack, For 2 modular jac Suitable for Art. N Without claws. Protection class (lo. 0210 and 0211.	
anthracite	2561-02-81	2CKA001753A0317	10
studio white	2561-02-84	2CKA001753A0394	10

black matt 1)

1) Surface painted.



Cover plate

2561-02-885

50 x 50 mm,

For telecommunication inserts with cover plate 50×50 mm.

2CKA001753A0397

10

With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.

Protection class (Device): IP 20
anthracite 1746/10-81 2CKA001710A3628 10
studio white 1746/10-84-500 2CKA001710A3993 10/100
black matt ¹) 1746/10-885 2CKA001710A3897 10

¹⁾ Surface painted.



Intermediate ring Reflex SI/SI Linear

For fitting cover plates from the Busch-Duro 2000 $\!^{\rm g}$ SI and Reflex SI range.

Protection class (Device): IP 20

studio white	1747 SI-84	2CKA001710A3863	10	



Intermediate ring Busch-balance® SI

For attaching cover plates from the Busch-balance® SI range.

Delivery without cover plate. Protection class (Device): IP 20

anthracite	1747 BSI-81	2CKA001710A4093	10
studio white	1747 BSI-84	2CKA001710A4096	10/100
black matt 1)	1747 BSI-885	2CKA001710A4099	10

¹⁾ Surface painted.



Cover plate

With hinged lid.

For telecommunication inserts with cover plate 50 x 50 mm.

With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.

anthracite	1746-81	2CKA001710A3618	10	
studio white	1746-84	2CKA001710A3167	10	
black matt 1)	1746-885	2CKA001710A3898	10	

¹⁾ Surface painted.

²⁾ See inserts for satellite coaxial socket outlets.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Busch-balance® S	er plates from the Busch-b	palance® SI
anthracite	2518-WD-81	2CKA001719A0217	10
studio white	2518-WD-84	2CKA001719A0220	10
black matt ²)	2518-WD-885	2CKA001719A0223	10

¹⁾ Combinable only with covers for flush-mounted inserts

²⁾ Surface painted.



XLR centre plate

As cover for Neutrik plug connectors, type D series. Without claws.

Protection class (Device): IP 20

	2552.04	261/400172444200	10	_
anthracite	2553-81	2CKA001724A4399	10	
studio white	2553-84	2CKA001724A4402	10	
black matt 1)	2553-885	2CKA001724A4405	10	

¹⁾ Surface painted.



with metal mounting plate

For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.

Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

anthracite	1748-81	2CKA001710A3654	10
studio white	1748-84	2CKA001710A3656	10
black matt 1)	1748-885	2CKA001710A3899	10

¹⁾ Surface painted.



Cover plate

with metal mounting plate

As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

anthracite	1750-81	2CKA001710A3617	10
studio white	1750-84	2CKA001710A3166	10
black matt 1)	1750-885	2CKA001710A3901	10

¹⁾ Surface painted.



Equipotential socket outlet

2gang

Without claws.

For connecting wires up to $1 \times 6 \text{ mm}^2$ and $4 \times 2.5 \text{ mm}^2$. IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801. Protection class (Device): IP 20

anthracite	2095 UC-81	2CKA002495A0084	10	
studio white	2095 UC-84	2CKA002495A0086	10	
black matt 1)	2095 UC-885	2CKA002495A0092	10	

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate

with metal mounting plate

With screw-type terminal. Fixed with central locknut.

As cover for pilot devices with a diameter of 22.5 mm Without claws.

Protection class (Device): IP 20

anthracite	2533-81	2CKA001724A4254	10
studio white	2533-84	2CKA001724A4256	10
black matt 1)	2533-885	2CKA001724A4301	10

¹⁾ Surface painted.



Cover plate 1)

with metal mounting plate

for communication devices. With labelling field 60.2 x 10.2 mm.

Without claws. Protection class (Device): IP 20

1758-81 2CKA001724A4253 10

²⁾ Surface painted.



Cover plate

For USB charging station 6474 U.

With protective function against lateral slipping of the mobile telephone.

Suitable for devices with a maximum thickness of 18 mm.

With frontal mounting option of connecting cable.

anthracite	6478-81-500	2CKA006400A0013	1
studio white	6478-84-500	2CKA006400A0019	1
black matt 1)	6478-885-500	2CKA006400A0029	1

¹⁾ Surface painted.

anthracite studio white 1758-84 2CKA001724A2761 10/100 1758-885 2CKA001724A4299 10 black matt 2)

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Multimedia / communication adapters

	Article-No.	Order-No.	Pack/Qty		
100	Busch-DigitalRad	lio ¹) ²) ³) ⁴) ⁵)			
	RDS stereo radio	alarm clock for flush-mour	nted		
	installation.				
		ncy: 87.50 MHz - 108.00 MF	łz.		
		background illumination.			
	With external AU	•			
	For mono/stereo operation.				
	8 radio stations storable.				
	With time display.				
	With alarm function.				
	With automatic switch-off function (automatic sleep				
	mode). With extension input to remote-controlled ON/OFF				
	switches.				
	With integrated antenna.				
		With additional connection for external antenna.			
		Permitted speaker impedance: 4 - 8 Ohm			
	•	Can be installed as 1gang and in multiple combinations.			
		Rated voltage: 230 V~, +10 % / -10 %			
	Rated frequency: 50 Hz - 60 Hz				
	Protection class (Device): IP 20				
	Temperature range (Device): 5 °C to 40 °C				
	Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm				
	Mounting depth:	34 mm			





Busch-Radio iNet 1) 2) 3) 4)

WLAN Internet radio alarm clock for flush-mounted installation.

For the reception of national and international radio stations via Internet.

Radio station search possible via various genres. With high resolution graphic display and background illumination.

With external AUX input.

Integrated web-server for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm function.

With short-time timer.

With automatic switch-off function (automatic sleep mode).

With extension input to remote-controlled ON/OFF switches.

With integrated WLAN antenna.

WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).

WLAN safety: WPA / WPA2.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

Mounting depth: 33 mm



8216 U-500 2CKA008200A0153 1/10

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

 $^{^{}m 4)}$ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

 $^{^{5)}\}mbox{To}$ be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁴⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Multimedia / communication adapters

Product Article-No. Order-No. Pack/Qty



Busch-Radio BTconnect 1) 2) 3) 4)

RDS stereo radio alarm clock for flush-mounted installation.

With Bluetooth interface for music replay of mobile devices

Reception frequency: 87.50 MHz - 108.00 MHz.

With high resolution graphic display and background illumination.

With external AUX input.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm clock and snooze function.

With short-time timer.

With automatic switch-off function (automatic sleep

With extension input to remote-controlled ON/OFF switches.

With integrated antenna.

With additional connection for external antenna.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 2.1

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm

Mounting depth: 32 mm



8217 U-500 2CKA008200A0194 1

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).



Busch Bluetooth receiver 1) 2) 3) 4)

Bluetooth interface for music replay of mobile devices. With integrated amplifier.

With external AUX input.

For mono/stereo operation.

Can be combined with the MDRC amplifier 8208.

Admissible loudspeaker impedance: 4 - 16 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 4.0

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Display elements: LED for status display.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm



8219 U

2CKA008200A0198 1/10





Loudspeaker insert 1)

For Busch-DigitalRadio 8215 U/8216 U.

For Busch-Radio iNet 8216 U.

For Busch-Radio BTconnect 8217 U.

For Busch Bluetooth receiver 8219 U.

With broadband characteristics.

With flat plug connector.

Incl. speaker connection cable.

Rated output: 2 W (RMS)

Frequency response: 200 - 20,000 Hz

Impedance: 4 Ohm

Protection class (Device): IP 20, SELV

Mounting depth: 32 mm

2CKA008200A0183 1/10

¹⁾ No claw. Screw-fixing via keyholes.



Busch-powerDock Insert 1) 2) 3) 4)

For charging and supplying mobile terminal devices. With quick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal

Rated voltage: 100 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device

Rated current: 2.1 A

Output voltage: 5 V-Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV

Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

6473 U-500 2CKA006400A0039 1/10

1) No claw. Screw-fixing via keyholes.

 $^{\rm 2)}$ The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick chargeTM 2.0 standard.

3) In rare cases the manufacturers of USB-C terminal devices support the quickcharging function independent of this standard only in case of charging devices $% \left(1\right) =\left(1\right) \left(1\right) \left$ that are the same as those of other manufacturers.

⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.



Busch-powerDock Charging cradle with Apple lightning

For Busch-powerDock insert 6473 U.

For attaching mobile terminal devices with lightning connection.

For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.

For iPhone 8 Plus, iPhone 8.

For iPhone 7 Plus, iPhone 7.

For iPhone SE.

For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.

For iPhone 5s, iPhone 5c, iPhone 5.

For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).

Suitable for use with protective covers certified by

2CKA006400A0081

1/10

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁶⁴⁷³⁻⁵⁰⁰ 1) Not released for use with the iPad.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	connection For Busch-powerE For attaching mole connection. Temperature rang	C Charging cradle with USB Oock insert 6473 U. Doile terminal devices with U e (Device): 5 °C to 35 °C V x D): 54 mm x 54 mm x 36	SB-C
	6473/11-500	2CKA006400A0083	1/10
	6473/11-500	2CKA006400A0083	1/1



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable.

With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection.

Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz - 60 Hz

Suitable for: In case one output is used: Rated current: 1400 mA

Suitable for: In case two output are used:

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

6472 U-500 2CKA006400A0002

⁴⁾ Use dust cover 2098 when cleaning the device.



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable. With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection.

With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz / 60 Hz

Suitable for: In case one output is used:

Rated current: 3 A

Suitable for: In case two output are used:

Rated current: 1.500 mA

Protection class (Device): IP 20, SELV

Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

Available from November 2019

6472 U-500-101	2CKA006400A0094	1	
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¹⁾ No claw. Screw-fixing via keyholes.

Product	Article-No.	Order-No.	Pack/Qty



USB charging station insert 1) 2) 3)

For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm.

With electronic short-circuit protection.

With electronic overload protection.

Rated voltage: 100 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz - 60 Hz

Rated current: 1400 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm

Mounting depth: 32 mm

6474 U-500

2CKA006400A0033 1/10

For terminal devices with standardized charging interface according to DIN EN



HDMI connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens. HDMI-type A, 3D-compatible. Fully HD ready (1920 x 1080 pixel).

For 20-wire HDMI-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate. Without claws. Protection class (Device): IP 20

Mounting depth: 34 mm

alpine white	0261/32-500	2CKA000230A0431	1
grey	0261/33-500	2CKA000230A0432	1
white	0261/31-500	2CKA000230A0430	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.



VGA connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link analogue video data between PCs and laptops to monitors or digital projectors etc. VGA-type: D-type, 15-pole. Fully HD ready (1920 x 1080 pixel).

For 15-wire VGA-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws.

Protection class (Device): IP 20 Mounting depth: 34 mm

white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths

¹) No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN

 $^{^{3)}}$ For terminal devices with standardized charging interface according to DIN EN 62684

⁴⁾ Use dust cover 2098 when cleaning the device.

¹) No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	USB connection (ınit ¹)	
	with screw-type	terminals and strain relief	
	Suitable for telep	hone connection unit cove	r plates
١	2539-21x and 1766	5-xxx.	
Common to		/ices like e.g. printer, scanr	ner, USB-
	sticks or digital o		
	USB-type A, USB 2.0 compatible.		
	For 5-wire USB- cables via srew-type terminals.		
	For trunk system:	s, flush-mounted wall boxe	es and
	underfloor systems.		
	For easy installation and to follow the valid bending		
	radii the "Kaiser- electronic-wall-box" type 1068-02 or		
	9062-74 is recommended.		
	Without cover plate.		
	Without claws.		
	Protection class (Device): IP 20	
	Mounting depth:	34 mm	
white	0261/11-500	2CKA000230A0418	1
grey	0261/13-500	2CKA000230A0420	1
alpine white	0261/12-500	2CKA000230A0419	1

 $^{^{\}rm II}$ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.



Communication adapter for BNC-F Duct-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0262/11-500	2CKA000230A0436	1	
grey	0262/13-500	2CKA000230A0438	1	
alpine white	0262/12-500	2CKA000230A0437	1	



F duct-jack

for communication adapter

For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals.

For twenty average fleet

For trunk systems, flush-mounted wall boxes and underfloor systems.

Protection class (Device): IP 20

metal clad **0262-500** 2CKA000230A0440 1



Communication adapter

for Cinch-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1





Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets. Audio-band 20Hz - 20kHz. Marked white: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

alpine white **0263/04-500** 2CKA000230A0451 1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked black: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

black **0263/05-500** 2CKA000230A0452 1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked red: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

Red **0263/06-500** 2CKA000230A0453 1



Cinch-jacks

for communication adapter

For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.

Marked yellow: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

yellow **0263/07-500** 2CKA000230A0454 1



Communication adapter

for Mini-jacks 3,5mm.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

alpine white	0264/12-500	2CKA000230A0459	1	
grey	0264/13-500	2CKA000230A0460	1	
white	0264/11-500	2CKA000230A0458	1	



Mini-jack 3,5 mm

for communication adapter

For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag.

Protection class (Device): IP 20

chrome gloss	0264-500	2CKA000230A0462	1	

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty		
TOWNS ON	Stereo loudspeak	er connection box ¹)			
A STATE OF THE PARTY OF THE PAR	With screwless te	With screwless terminals (with screw-type terminals on			
	the back).	the back).			
	With 4 terminals.	With 4 terminals.			
THE RESERVE TO	Cable cross-section	on max. 10 mm².			
Polarity is indicated by color.					
	With claw.				
	Protection class (Device): IP 20			
white	0248/02-101	2CKA000230A0402	10/100		

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm².

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

alpine white 0248/04-101-500 2CKA000230A0464 10/100

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals. Cable cross-section max. 10 mm².

Polarity is indicated by color.

With claw.

Protection class (Device): IF 20				
anthracite	0248/05-101	2CKA000230A0404	10/100	
		·		

 $^{^{\}mbox{\tiny 1)}}\mbox{Suitable}$ for cover telephone unit $\,$ 1766-xxx and 2539-21x.



Cover plate

For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U.

anthracite	8252-81	2CKA008200A0050	10
studio white	8252-84	2CKA008200A0053	10
black matt 1)	8252-885	2CKA008200A0125	10

¹⁾ Surface painted.



Cover plate

For loudspeaker insert 8223 U.

anthracite	8253-81	2CKA008200A0078	1/10
studio white	8253-84	2CKA008200A0081	1/10
black matt 1)	8253-885	2CKA008200A0126	1/10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate

For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20

	cvice). II Lo		
anthracite	1766-81	2CKA001710A3613	10
studio white	1766-84-500	2CKA001710A3992	10/100
black matt 1)	1766-885	2CKA001710A3903	10

¹⁾ Surface painted.



Cover plate

with metal mounting plate

With fixing claws. loudspeaker inserts and cover. Conductor cross-sections up to 4 mm² rigid. With screw-type terminals. Protection class (Device): IP 20

anthracite	1751-81	2CKA001723A0253	10
studio white	1751-84	2CKA001723A0240	10/100
black matt 1)	1751-885	2CKA001723A0259	10

¹⁾ Surface painted.



Cover plate

with rotary control, with marking

As a cover for volume controllers. Suitable for the "LR 15 mono BJ UP" devices of WHD. Protection class (Device): IP 20

anthracite	1740 DR/03-81	2CKA001710A4120	10
studio white	1740 DR/03-84	2CKA001710A3808	10
black matt 1)	1740 DR/03-885	2CKA001710A3892	10

¹⁾ Surface painted.



Cover plate

For Busch Bluetooth receiver 8219 U.

anthracite	8255-81	2CKA008200A0211	1
studio white	8255-84	2CKA008200A0214	1/10
black matt 1)	8255-885	2CKA008200A0218	1

¹⁾ Surface painted.



Cover plate for Busch-powerDock

For Busch-powerDock charging cradle.

anthracite	6477-81	2CKA006400A0056	10
studio white	6477-84	2CKA006400A0059	10/100
black matt 1)	6477-885	2CKA006400A0063	10

¹⁾ Surface painted.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
ĒΨ	Cover plate For USB charging	station 6474 U.	
	mobile telephone	unction against lateral sli e. es with a maximum thick	
	With frontal mou	nting option of connectir	ng cable.
anthracite	6478-81-500	2CKA006400A001	13 1
studio white	6478-84-500	2CKA006400A001	19 1
black matt 1)	6478-885-500	2CKA006400A002	29 1

¹⁾ Surface painted.

Room thermostats

Article-No.

Product

	Switch contact op reached. With fixing claws. Separate terminal reduction of room Class of temperat Contribution to sp. Rated voltage: 230 Rated current: 10 A	oace heating energy efficier) V~ A e (Device): 5°C to 30°CEN (e and acy 1,0%.
	1094 U-500	2CKA001032A0512	1/10
Mounting boxes:	35 mm deep flush or Dual Box 3070-2		
2gang product combinations:	2gang combination	n with adapter plate	

Order-No.

Pack/Qty

 $^{^{3)}}$ Switching temperature difference: $\pm~0.5~\text{K}$.



Room thermostat, flush-mounted 1) 2) 3) Slide switch

With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K. Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1/10

1095 U-500 2CKA001032A0514

Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.
5 5.	2gang combination with adapter plate APBS in Dual Box only.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}mbox{\tiny 2)}}\mbox{Servo-valves,}$ "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

 $^{^{\}mbox{\tiny 2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Room thermostats

Article-No.	Order-No.	Pack/Qty
Sliding switch, 24 With built-in slide reduction of 4 K. temperature is re Separate termina reduction of roor Class of tempera Contribution to s Rated voltage: 24 Rated current: 1 A Temperature range.	e switch and control lamp f Switch contact opens whe eached. With fixing claws. If to activate nighttime mon temperature by 4K. ture controller 1 pace heating energy efficiency.	n the set de and ency 1,0%.
1096 U	2CKA001032A0485	1
•		
	· ·	
	Room thermosta Sliding switch, 2 With built-in slide reduction of 4 K. temperature is re Separate termina reduction of roor Class of tempera Contribution to s Rated voltage: 24 Rated current: 1 A Temperature rand British Standard 1096 U 35 mm deep flusl or Dual Box 3070 2gang combinati	Room thermostat, flush-mounted ¹) ²) ³) Sliding switch, 24 V With built-in slide switch and control lamp f reduction of 4 K. Switch contact opens whe temperature is reached. With fixing claws. Separate terminal to activate nighttime mo reduction of room temperature by 4K. Class of temperature controller 1 Contribution to space heating energy efficie Rated voltage: 24 V~ Rated current: 1 A Temperature range (Device): 5 °C to 30 °CEN British Standard EN 60669-2-1

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) 1gang 2way

With fixing claws. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V \sim

Rated current: 5 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9

	British Standard E	N 60669-2-1	30130 L 3,
	1097 U-500	2CKA001032A0513	1/10
Mounting boxes:	35 mm deep flush or Dual Box 3070-2	5 5	
2gang product combinations:	2gang combination	n with adapter plate only.	

³ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Actual value indication

With actual value temperature display. Automatic controller calibration.

Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1094 UTA 2CKA001032A0487 1/10

Product Article-No. Order-No. Pack/Qty



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1095 UTA 2CKA001032A0488

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{3)}}$ Switching temperature difference: $\pm~0.5~\text{K}$.



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication, 24 V

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached. With built-in slide switch and control lamp for

nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~ Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1096 UTA 2CKA001032A0489 1/10

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Change-over contact, actual value indication

With actual value temperature display Automatic controller calibration

With fixing claws.
Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 AEN 60730-2-9, British Standard EN 60669-2-1

1097 UTA

2CKA001032A0490 1/1

¹⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}rm 2)}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
-	Room thermosta	t, flush-mounted 1) 2) 3)	
STREETS.	Change-over con	tact, setpoint indication, t	imer
Sau.	With change-ove	r contact.	
1530 s	Easy adjustment	using menu and text-based	display.
OHER TO	4 switching times	s per day can be user-define	d for each
	day of the week.		
	With fixing claws.		
	Automatic summer/wintertime switch-over		
	Power reserve > 10 hours.		
	To fit cover plate 6435-xxx.		
	Class of temperature controller 1		
	Contribution to space heating energy efficiency 1,0%.		
	Rated voltage: 23	0 V~	
	Rated current: 10	A	
	Temperature ran	ge (Device): 5 °C to 30 °CEN	60730-2-9
	1098 U-101	2CKA001032A0508	1/10

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) Remote sensor

With remote sensor and thermal feedback For underfloor heating.

With built-in slide switch and control lamp for nightly reduction of 4 K

Switch contact opens when the set temperature is reached.

With fixing claws.

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Adjusting range: +10 to +50° C. Connecting cable: 1mm2 to 2.5 mm2

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 16 A, cos φ 1EN 60730-2-9, British Standard EN 60669-2-1

1095 UF

2CKA001032A0497





Room thermostat, flush-mounted 1) 2)

Change-over contact, setpoint indication, timer, remote sensor

With change-over contact.

Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week.

With fixing claws.

Automatic summer/wintertime switch-over

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Power reserve > 10 hours

To fit cover plate 6435-xxx.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 16 A

Temperature range (Device): 10 °C to 50 °CEN 60730-2-9

1098 UF-101

2CKA001032A0509

1/10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling

With separate connection (230 V~) for external switchover between heating or cooling.

Switch contact opens when the set temperature is reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1099 UHK 2CKA001032A0515

 $^{\mbox{\tiny 1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

3) Switching temperature difference: ± 0.5 K.





Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch

With built-in sliding switch for switchover between cooling or heating.

Switch contact opens when the set temperature is reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1099 UHKEA

2CKA001032A0516 1/10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

2) Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

3) Switching temperature difference: ± 0.5 K.

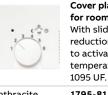
²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
Ö	Cover plate for room thermo For room thermo	stat stats 1094 U, 1097 U.	
anthracite	1794-81	2CKA001710A3629	10
studio white	1794-84	2CKA001710A3544	10
black matt 1)	1794-885	2CKA001710A3907	10

¹⁾ Surface painted.



Cover plate for room thermostat

With sliding switch for nightly room temperature reduction.

to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and

anthracite	1795-81	2CKA001710A3630	10
studio white	1795-84	2CKA001710A3569	10
black matt 1)	1795-885	2CKA001710A3909	10

¹⁾ Surface painted.



Cover plate

for room thermostat

For room thermostats 1094 UTA, 1097 UTA.

studio white	1794 TA-84	2CKA001710A3698	10
anthracite	1794 TA-81	2CKA001710A3695	10
black matt 1)	1794 TA-885	2CKA001710A3906	10

¹⁾ Surface painted.



Cover plate

for room thermostat

With sliding switch for nightly room temperature reduction.

For room thermostats 1095 UTA, 1096 UTA.

studio white	1795 TA-84	2CKA001710A3725	10
studio white	1795 TA-84	2CKA001710A3725	10
black matt 1)	1795 TA-885	2CKA001710A3908	10

¹⁾ Surface painted.



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.

anthracite	6435-81	2CKA006430A0303	10	
studio white	6435-84	2CKA006430A0306	10	
black matt 1)	6435-885	2CKA006430A0389	10	

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate

for room thermostat

For room temperature controller 1099 UHK.

studio white 1795 HK-84 2CKA001710A4017 10	anthracite	1795 HK-81	2CKA001710A4013	10
				10
	black matt 1)	1795 HK-885	2CKA001710A4020	10

¹⁾ Surface painted.



Cover plate

for room thermostat

For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating.

anthracite	1795 HKEA-81	2CKA001710A4045	10
studio white	1795 HKEA-84	2CKA001710A4049	10
black matt 1)	1795 HKEA-885	2CKA001710A4052	10

¹⁾ Surface painted.

LED light

Product	Article-No.	Order-No.	Pack/Qty	
Cover plate ¹) ²) As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm. Protection class (Device): IP 20				
anthracite	1716-81	2CKA001731A1921	1	
studio white	1716-84	2CKA001731A1923	1	
	1716-885	2CKA001731A1980	1	

³⁾ Surface painted.



Cover plate for indication lamp

For insert 2061/2661 U.

As cover for flush-mounted light signal. Protection class (Device): IP 20

anthracite	1756-81	2CKA001753A0089	10
studio white	1756-84	2CKA001753A0092	10
black matt 1)	1756-885	2CKA001753A0252	10

¹⁾ Surface painted.



for indication lamp

Cap

For indication lamps.

Protection class (Device): IP 20

clear- transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted tra 1-channel 1gang wall-mount power supply. With labelling field For switching and For controlling bli 1 radio channel ca can be called up. For flush-mounte 6703, 6704 and 67 For LED display W Compatible with N Send frequency: 8 Free-field range: a Power supply: lith Battery service lift practically mainte Automatic monito Including fixing p on switch boxes. Control element: 1	nsmitter WaveLINE 1) 2) ded transmitter independent d and labelling strip. dimming. nds and light scenes. n be operated or up to 2 light d WaveLINE actuators 6701- 105-101. laveLINE 6730-xxx. WaveLINE KNX gateway TP- 168 MHz. pprox. 100 m. ium button cell battery Type: typically 5 years, therefor	t of mains ht scenes -101, 6702, RF 6770. e CR2032. e h walls or
	Rated voltage: 3 V Protection class (
	Temperature rang	pe (Device): -5 °C to 45 °C N x D): 63 mm x 63 mm x 16	mm
studio white	6731-84-500	2CKA006730A0038	1/10

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Wall-mounted transmitter WaveLINE 1) 2)

2-channel

2gang wall-mounted transmitter independent of mains power supply.

With labelling field and labelling strip.

For switching and dimming.

For controlling blinds and light scenes.

2 radio channels can be operated or up to 4 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

For LED display WaveLINE 6730-xxx.

Compatible with WaveLINE KNX gateway TP-RF 6770.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or

on switch boxes.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

studio white 6732-84-500 2CKA006730A0039 1/1

 $^{^{\}mbox{\tiny 1)}}\mbox{Battery included in delivery.}$

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Pack/Qty

Busch-axcent®

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	Mall manufacture possible a Marca I INF 13 2)		light scenes 1-101, 6702, -RF 6770. pe CR2032. ore
	Temperature ran	ge (Device): -5 °C to 45 °C	-
	•	W x D): 63 mm x 63 mm x 16	
studio white	6733-84-500	2CKA006730A0040	1/10

¹⁾ Battery included in delivery.

WaveLINE LED display 1)

For status display of window handle positions: open = red, closed = green, tilted = yellow.

Direct onsite operation possible for switching / dimming an electrical device depending on the flushmounted insert.

4 individual LED display channels.

Up to 8 WaveLine transmitters can be taught-in on each LED display channel.

Up to 8 WaveLine transmitters can be taught-in on onsite operation.

After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state.

Status display for depleted WaveLINE transmitter battery.

Status display for faulty transmission link and defective WaveLINE transmitter.

User-friendly start-up without PC / software.

Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x.

For WaveLINE 6721-xx universal signalling unit.

For Busch-Watchdog 220 WaveLINE 6747 AGM.

For Busch-Universal relay switch insert 6404 U.

For universal dimmer switch insert 6595 U.

Free-field range: approx. 100 m.

Send/receive frequency: 868 MHz.

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm

studio white 6730-84 2CKA006730A0017

Busch-Infoline®

Article-No.

Product

	Cover plate 1) 2)		
	1gang, with label	ling field	
	With operating kn	iob.	
	For signal/cancel push-button 1520/1 UK.		
1	For monitoring ur	nit 1511 U.	
	For Busch-Leakag	e guard insert 1531 U.	
	With labelling field	d 61 x 20 mm.	
	Protection class (Device): IP 20	
	Dimensions: (L x \	<i>N</i> x D): 63.5 mm x 63.5 mm x	11.1 mm
studio white	1571 CN-84	2CKA001582A0346	10
•	ettering software, vis I for Busch-axcent®, so	it www.BUSCH-JAEGER-labeling plo®, and carat®.	gtool.com.
•	l for Busch-axcent®, so	_	gtool.com.
•	for Busch-axcent®, so	olo®, and carat®.	gtool.com.
•	for Busch-axcent®, so Cover plate ¹) ²) 2gang, with label	olo®, and carat®.	gtool.com.
•	Cover plate 1) 2) 2gang, with label With operating kr	olo®, and carat®.	gtool.com.
•	Cover plate 1) 2) 2gang, with label With operating kr	ling field nob. utton insert 1520/1 UKZ.	ytool.com.
•	Cover plate 1) 2) 2gang, with label With operating kr For signal push-bi	ling field liob. utton insert 1520/1 UKZ. d 61 x 20 mm.	ytool.com.
•	Cover plate 1) 2) 2gang, with label With operating kr For signal push-b With labelling field Protection class (I	ling field liob. utton insert 1520/1 UKZ. d 61 x 20 mm.	

Order-No.



Cover plate 1) 2)

with red and neutral light panel and labelling field

For Alarm Control Unit insert 1515 U-12. For Busch-Alarm signal insert 1563 U-12. For indication lamp insert 1564 U-1x. With labelling field 61 x 61 mm.

Protection class (Device): IP 20

Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

studio white 2CKA001582A0350

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.



studio white

Cover plate 1) 2)

6gang, illuminable, with labelling field

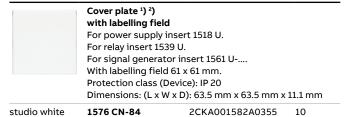
For signal panel insert 1566 U. With labelling field 61 x 61 mm. Protection class (Device): IP 20

Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

2CKA001582A0353

2) Can also be used for Busch-axcent®, solo®, and carat®.

1575 CN-84



 $^{^{1)}} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

Accessories

Product	Article-No.	Order-No.	Pack/Qty
To the second se	For flat flush-mou Suitable for cover Suitable for Busc Set consists of a With plastering m With integrated F With vertically ad screws. With varia Mounting boxes a	•	arrier. work 3040. g device.
	1gang		
	3048/10 2gang	2CKA001740A0061	1
	3048/20	2CKA001740A0062	1
	3gang		
	3048/30	2CKA001740A0063	1
	4gang		
	3048/40	2CKA001740A0064	1
	Fanna		
	5gang		

²⁾ Carrier needs to remove from Busch-axcent® cover frame.

⁴⁾ Not suitable for fixing claws.



Mounting set Busch-axcent® flat 1) 2)

For flat flush-mounted installation, hollow wall Suitable for cover frame Busch-axcent® flat. Suitable for Busch-axcent® frames without carrier. For double planking. Set consists of a flush-mounted box for cavity walls 3050. With positioning device and adapter rings. Suitable for drywalls and plasterboards for 9,5 mm, 10 mm and 12,5 mm.

With Torx/slotted screws.

Mounting boxes are combinable directly. With flex knockouts for cables or pipes.

Fast installation via cable strap latches.

A 74 mm diameter moulding cutter with countersink is needed.

Hole size : 74 mm

Protection class (Device): IP 20

1gang		
3058/10	2CKA001740A0072	1
2gang		
3058/20	2CKA001740A0073	1
3gang		
3058/30	2CKA001740A0074	1
4gang		
3058/40	2CKA001740A0075	1
5gang		
3058/50	2CKA001740A0076	1

¹⁾ Not suitable for Busch-axcent® white glass.





Mounting set Busch-axcent® flat 1) 2)

For flat flush-mounted installation, concrete construction

Suitable for cover frame Busch-axcent® flat.

Suitable for Busch-axcent® frames without carrier. Suitable for prefabricated and in-situ concrete directly onto the formwork.

Set consists of a flush-mounted box for concrete walls 3060.

Delivered with a lid with distance positioning device. Fixing exclusively and directly to formwork by nailing or hot gluing.

With Torx/slotted screws.

Mounting boxes are combinable directly.

With flex knockouts for pipes. Protection class (Device): IP 20

1gang		
3068/10	2CKA001740A0083	1
2gang		
3068/20	2CKA001740A0084	1
3gang		
3068/30	2CKA001740A0085	1
4gang		
3068/40	2CKA001740A0086	1
5gang		
3068/50	2CKA001740A0087	1

¹⁾ Not suitable for Busch-axcent® white glass.

²⁾ Carrier needs to remove from Busch-axcent® cover frame.



RFID-Detector 1)

To recover of RFID-chips. Power supply: 9V alkaline cell (included in delivery). Protection class (Device): IP 20

3049	2CKA001740A0070	1	

¹⁾ RFID = Radio Frequency IDentification



Compensation rings for flush-mounted boxes

For additional compensation for too deep mounted flush-mounted boxes.

Adjustment height: 2,6 mm Protection class (Device): IP 20

2CKA001740A0081 3057 10



Extension of claws 1)

2148

For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes. Protection class (Device): IP 20

2CKA002148A0120

100

o for tupos 2000/2 LIS	2000/6/2116	2000/6/6116	101 and de	ماطيي	

¹⁾ Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double

³⁾ RFID = Radio Frequency IDentification

²⁾ Carrier needs to remove from Busch-axcent® cover frame.

Pack/Qty

Busch-axcent®

Accessories

Product	Article-No.	Order-No.	Pack/Qty				
**	•	Braille symbol self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20					
	light						
	2144 LI	2CKA001714A0295	10/1000				
	bell						
	2144 KI	2CKA001714A0296	10/1000				
	key						
	2144 TR	2CKA001714A0297	10/1000				
\odot	Braille symbol socket outlet self-adhesive, tra with hinged lid 20 Protection class (et outlets				
	2144 ST	2CKA001714A0298	10/1000				
	DIN A 4 labelling sheet ¹) plastic foil Suitable for all to be labeled Busch-Jaeger devices. For laser printer. The text of the foil is printed via the Busch-Jeager labeling service.						
translucent	1799/02	2CKA001799A0959	1				

RC suppressor

movement detector.

Rated frequency: 50 Hz

6899

For protection against the damage or destruction of

For wiring network-interconnected inductivities (e.g.. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a

Dimensions: diameter 25 mm, length 35 mm, length of

2CKA006899A0231

10

electronic devices due to overvoltages.

the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 %

Cover frames

Article-No.

Product

	Cover frame 1gang frame Protection class (De	evice): IP 20	
platinum ¹)	1721-270-500	2CKA001754A4688	1
black matt 1)	1721-275-500	2CKA001754A4708	1
titanium ¹)	1721-276-500	2CKA001754A4698	1
white glass	1721-280	2CKA001754A4437	1
black	1721-281	2CKA001754A4409	10
Brown glass	1721-283	2CKA001754A4543	1
studio white	1721-284	2CKA001754A4331	10
yellow	1721-285	2CKA001754A4334	10
green	1721-286	2CKA001754A4337	10
Red	1721-287	2CKA001754A4340	10
blue	1721-288	2CKA001754A4343	10
entrée-grey	1721-291-500	2CKA001754A4471	10/100
château-black	1721-295-500	2CKA001754A4491	10/100
maison-beige	1721-299-500	2CKA001754A4481	10/100

Order-No.

¹⁾ Real metal surface.



Cover frame 2gang frame For vertical or horizontal installation. Protection class (Device): IP 20

platinum 1)	1722-270-500	2CKA001754A4689	1
black matt 1)	1722-275-500	2CKA001754A4709	1
titanium ¹)	1722-276-500	2CKA001754A4699	1
white glass	1722-280	2CKA001754A4438	1
black	1722-281	2CKA001754A4410	10
Brown glass	1722-283	2CKA001754A4544	1
studio white	1722-284	2CKA001754A4332	10
yellow	1722-285	2CKA001754A4335	10
green	1722-286	2CKA001754A4338	10
Red	1722-287	2CKA001754A4341	10
blue	1722-288	2CKA001754A4344	10
entrée-grey	1722-291-500	2CKA001754A4472	10/100
château-black	1722-295-500	2CKA001754A4492	10/100
maison-beige	1722-299-500	2CKA001754A4482	10/100

¹⁾ Real metal surface.

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 3gang frame For vertical or horiz Protection class (D		
platinum ¹)	1723-270-500	2CKA001754A4690	1
black matt 1)	1723-275-500	2CKA001754A4710	1
titanium ¹)	1723-276-500	2CKA001754A4700	1
white glass	1723-280	2CKA001754A4439	1
black	1723-281	2CKA001754A4411	10
Brown glass	1723-283	2CKA001754A4545	1
studio white	1723-284	2CKA001754A4333	10
yellow	1723-285	2CKA001754A4336	10
green	1723-286	2CKA001754A4339	10
Red	1723-287	2CKA001754A4342	10
blue	1723-288	2CKA001754A4345	10
entrée-grey	1723-291-500	2CKA001754A4473	10
château-black	1723-295-500	2CKA001754A4493	10
maison-beige	1723-299-500	2CKA001754A4483	10

¹⁾ Real metal surface.

Cover frame	
4gang frame	

For vertical or horizontal installation. Protection class (Device): IP 20

platinum ¹)	1724-270-500	2CKA001754A4691	1
black matt 1)	1724-275-500	2CKA001754A4711	1
titanium ¹)	1724-276-500	2CKA001754A4701	1
white glass	1724-280	2CKA001754A4440	1
black	1724-281	2CKA001754A4412	1
Brown glass	1724-283	2CKA001754A4546	1
studio white	1724-284	2CKA001754A4346	1
yellow	1724-285	2CKA001754A4348	1
green	1724-286	2CKA001754A4350	1
Red	1724-287	2CKA001754A4352	1
blue	1724-288	2CKA001754A4354	1
entrée-grey	1724-291-500	2CKA001754A4474	1
château-black	1724-295-500	2CKA001754A4494	1
maison-beige	1724-299-500	2CKA001754A4484	1

 $^{^{\}scriptscriptstyle 1)}$ Real metal surface.

Product	Article-No.	Order-No.	Pack/Qty	
	Cover frame 5gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
platinum ¹)	1725-270-500	2CKA001754A4692	1	
black matt 1)	1725-275-500	2CKA001754A4712	1	
titanium ¹)	1725-276-500	2CKA001754A4702	1	
white glass	1725-280	2CKA001754A4441	1	
black	1725-281	2CKA001754A4413	1	
Brown glass	1725-283	2CKA001754A4547	1	
studio white	1725-284	2CKA001754A4347	1	
yellow	1725-285	2CKA001754A4349	1	
green	1725-286	2CKA001754A4351	1	
Red	1725-287	2CKA001754A4353	1	
blue	1725-288	2CKA001754A4355	1	
entrée-grey	1725-291-500	2CKA001754A4475	1	
château-black	1725-295-500	2CKA001754A4495	1	
maison-beige	1725-299-500	2CKA001754A4485	1	

¹⁾ Real metal surface.

Pack/Qty

Order-No.

Product

Article-No.

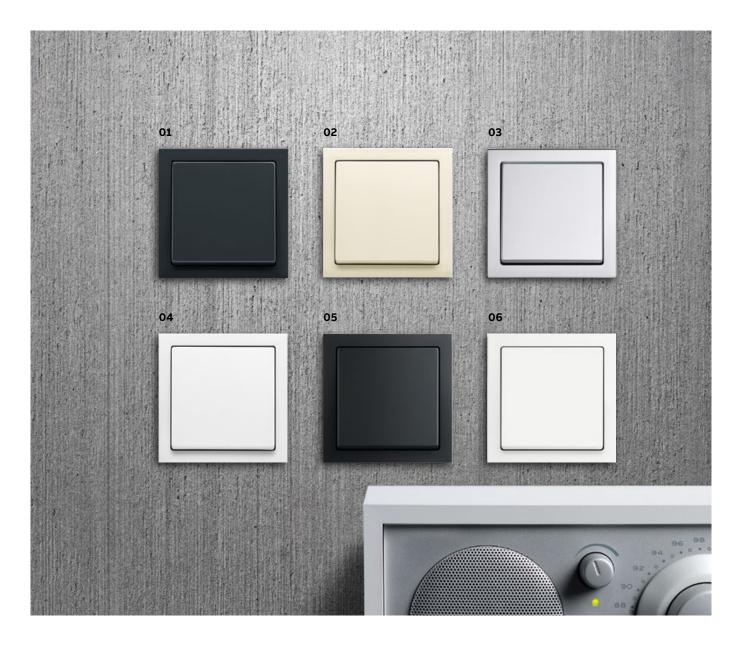
Busch-axcent® flat

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame Busc	h-axcent® flat	
	1gang frame For flat flush mou	ntina	
NG N		Busch-axcent® flat mounti	na set.
	Without carrier.		
	Protection class (I	Device): IP 20	
black	1721-281/11	2CKA001753A4126	10
studio white	1721-284/11	2CKA001753A4121	10
	Cover frame Busc	h average flag	
	2gang frame	n-axcent* nat	
	For flat flush mou	ntina.	
		Busch-axcent® flat mounti	ng set.
K X		zontal installation.	
	Protection class (Device): IP 20	
black	1722-281/11	2CKA001753A4127	10
studio white	1722-284/11	2CKA001753A4122	10
	Cover frame Busc	h-axcent® flat	
	3gang frame	ntin a	
	For flat flush mou	Busch-axcent® flat mounti	na set
		zontal installation.	ing set.
	Protection class (Device): IP 20	
black	1723-281/11	2CKA001753A4128	10
studio white	1723-284/11	2CKA001753A4123	10
	Cover frame Busc	h-axcent® flat	
\mathbf{H}	4gang frame		
Н	For flat flush mou	nting. Busch-axcent® flat mounti	na sat
Н	,	zontal installation.	ng set.
	Protection class (I		
black	1724-281/11	2CKA001753A4129	1
studio white	1724-284/11	2CKA001753A4124	1
	Cover frame Busc	h-axcent® flat	,
5gang frame			
Н	For flat flush mounting.		
Н		Busch-axcent® flat mounti	ng set.
	For vertical or hori Protection class (I	zontal installation. Device): IP 20	
black	•	·	1
black	1725-281/11	2CKA001753A4130	1
studio white	1725-284/11	2CKA001753A4125	1

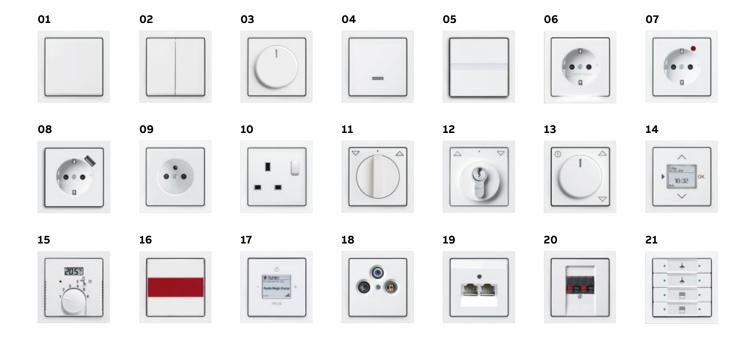
Embrace the unknown.

Timeless design combined with functionality, make for the perfect wiring accessory. Clear straight lines and harmonious colours which will last forever. Light switch with a soft and velvety touch fascinates the senses. Perfectly matches a modern style of living. Endless delight.



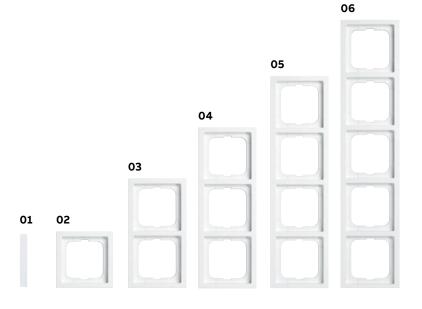
- 01 anthracite
- 02 ivory white
- 03 aluminiumsilver
- 04 studio white
- 05 black matt*06 white matt*
- Materials
- Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.
- * Softtouch: stimulating colours with pleasant haptics and a hard-wearing surface.

Selected functions.



- 01 Rocker switch 1gang
- 02 Rocker switch 2gang
- 03 Busch Universal Rotary Dimmer
- 04 Touch dimmer
- 05 Busch-Comfort switch
- 06 Busch-steplight®
- 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection
- 08 SCHUKO® USB socket outlet
- 09 Socket outlet with earthing pin
- 10 Switched socket outlet BS standard
- 11 Blind switch with rotary knob

- 12 Busch-Blind control switch with semi-cylindrical lock
- 13 Busch-Blind comfort switch
- 14 Comfort timer
- 15 Room thermostat with display
- 16 Busch-Infoline® alarm insert
- 17 Busch-AudioWorld® Busch-Radio iNet
- 18 Antenna socket for radio/TV/satellite
- 19 Universal data connection box
- 20 Stereo loudspeaker connecting box
- 21 KNX sensor, for more KNX products see part 12 of the catalogue Intelligent Building Solutions



1 to 5gang cover frame for horizontal and vertical installation.

- 01 Side view, 11 mm x 80 mm
- 02 80 mm x 80 mm
- 03 80 mm x 151 mm
- 04 80 mm x 222 mm
- 05 80 mm x 293 mm
- 06 80 mm x 364 mm



Cover frames for both horizontal and vertical installation in 1-4gang, are also avaiable with labelling field. Colour: studio white



For more information about light switch ranges visit ABB global web sites.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
		-	



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2000/6 US-500	2CKA001012A2198	10/100
2gang 1way		
2000/5 US-500	2CKA001012A1150	10/100
DP, 1gang 2way ²)		
2000/6/2 US	2CKA001012A0954	10
1gang		
2000/7 US-500	2CKA001012A2199	10/100
DP, 1gang 1way		
2000/2 US-500	2CKA001012A2196	10/100
SP, 1gang 1way swit	ch	
2000/1 US-500	2CKA001012A2059	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{2)}}$ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20

IEC 60669-1

1gang 2way		
2400/6 US-500	2CKA001012A2232	10/100
2gang 1way		
2400/5 US-500	2CKA001012A2234	10
1gang		
2400/7 US-500	2CKA001012A2236	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20IEC 60669-1

2000/6/6US-101-500 2CKA001011A0928





Rocker Switch Mechanism 1) 2gang 2way

With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6/6US-101-500 2CKA001022A0663

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker Switch Mechanism 1) 2)

DP, 1gang 1way

For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/2 US-101-500 2CKA001012A2193 10/100

Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Also for switching SCHUKO® socket outlets.



Rocker Switch Mechanism 1) 2) 3-pole, 1gang 1way switch

Rated voltage: 400 V~

Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2000/3 US	2CKA001011A0816	10

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.



Rocker Switch Mechanism 1)

With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20

IEC 60669-1

1gang 2way ²)		
2000/6 USGL-500	2CKA001012A2194	10/100
2gang 1way		
2000/5 USGL	2CKA001012A1135	10

 $^{^{} ext{\scriptsize 1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.



Rocker Switch Mechanism, control 1) 2gang 1way

with LED,

Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/5 USK-500 2CKA001012A2238

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch M With neon lamp. Rated voltage: 25 Rated current: 10 Protection class IEC 60669-1	AX)

;	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal

With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX

Protection class (Device): IP 20IEC 60669-1

2400/6 USK-500	2CKA001022A0661	10
,		

¹⁾ With 1 mA neon lamp.

³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.



Push-switch mechanism 1)

SP, with normally open contact (operating current)

With N terminal. Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-500	2CKA001413A0574	10/100
onjunction with standard flush-	mounting boxes according to	DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Push-switch mechanism 1)

SP, with normally open contact (operating current) With 2 independent signalling contacts.

Rated voltage: 250 V~

Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 US-201	2CKA001413A0483	10
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¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Push-switch mechanism 1) 2) 3)

SP, with normally open contact (operating current)

With illumination.

With N terminal.

Rated voltage: 250 V~, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1

2020 USGL-500	2CKA001413A1106	10/100
2020 USGL-500	2CKA001413A1106	10/100

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product	Article-No.	Order-No.	Pack/Qty



Push-switch mechanism 1)

With one input terminal and 2 actuating covers.

Rated voltage: 250 V~

Inputs: 1

Outputs: 2x Normally open contact

Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-205-500 2CKA001413A1105 10/100

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push-switch mechanism 1)

SP. 1gang 2way

Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current). With N terminal.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20IEC 60669-1

2020 US-206-500 2CKA001413A1104 10/100

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Rocker

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Protection class (Device): IP 20

anthracite	1786-81-500	2CKA001751A3079	10/100
ivory white	1786-82-500	2CKA001751A3083	10/100
aluminium silver ¹)	1786-83-500	2CKA001751A3075	10/100
studio white	1786-84-500	2CKA001751A3074	10/100
studio white, matt ¹)	1786-884-500	2CKA001751A3089	10/100
black matt 1)	1786-885-500	2CKA001751A3094	10/100
red RAL 3020	1786-12-82	2CKA001751A3145	10/100

¹⁾ Surface painted.



Rocker

For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20

anthracite	1785-81	2CKA001751A2930	10
ivory white	1785-82	2CKA001751A2744	10/100
aluminium silver ¹)	1785-83	2CKA001751A2942	10/100
aluminium silver ¹)	1785-83-500	2CKA001751A3092	10/100
studio white	1785-84-500	2CKA001751A3076	10/100
studio white, matt ¹)	1785-884	2CKA001751A3024	10/100
black matt 1)	1785-885	2CKA001751A3038	10/100

¹⁾ Surface painted.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

³⁾ For relay and touch dimmer applications.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
0 0	Rocker As a cover for flush Protection class (D	-mounted control 2gang s evice): IP 20	witch.
anthracite	1785 K-81-500	2CKA001751A3122	10
ivory white	1785 K-82-500	2CKA001751A3124	10
aluminium	1785 K-83-500	2CKA001751A3126	10
silver 1)			
silver ¹) studio white	1785 K-84-500	2CKA001751A3128	10
	1785 K-84-500 1785 K-884-500	2CKA001751A3128 2CKA001751A3135	10

¹⁾ Surface painted.

-	Rocker with small red spherical cap As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20		
anthracite	1789-81	2CKA001751A2928	10
ivory white	1789-82	2CKA001751A2813	10
aluminium silver ¹)	1789-83	2CKA001751A2945	10/100
studio white	1789-84-500	2CKA001751A3091	10/100
studio white, matt ¹)	1789-884	2CKA001751A3033	10
black matt 1)	1789-885	2CKA001751A3047	10

¹⁾ Surface painted.

-	Rocker with small transparent lens As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20				
anthracite	1789 N-81	2CKA001751A3147	10/100		
ivory white	1789 N-82	2CKA001751A3148	10/100		
aluminium silver ¹)	1789 N-83	2CKA001751A3149	10/100		
studio white	1789 N-84-500	2CKA001751A3151	10/100		
studio white, matt ¹)	1789 N-884	2CKA001751A3153	10/100		
black matt 1)	1789 N-885	2CKA001751A3154	10/100		

 $^{^{\}scriptscriptstyle 1)}$ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty	
-	Switch rocker with marking with small transparent lens With "Plug" icon. As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O" As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789 ST-81	2CKA001751A3157	10/100	
ivory white	1789 ST-82	2CKA001751A3158	10/100	
aluminium silver ¹)	1789 ST-83	2CKA001751A3159	10/100	
studio white	1789 ST-84-500	2CKA001751A3161	10/100	
studio white, matt ¹)	1789 ST-884	2CKA001751A3163	10/100	
black matt 1)	1789 ST-885	2CKA001751A3164	10/100	

¹⁾ Surface painted.

Switch rocker with marking With symbol. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20				
anthracite	2520 LI-81	2CKA001751A3186	10/100	
ivory white	2520 LI-82	2CKA001751A3187	10/100	
aluminium silver ¹)	2520 LI-83	2CKA001751A3188	10/100	
studio white	2520 LI-84-500	2CKA001751A3190	10/100	
studio white, matt ¹)	2520 LI-884	2CKA001751A3192	10/100	

2CKA001751A3193

10/100

2520 LI-885

Switch rocker with marking With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
=-0			
anthracite	2520 TR-81	2CKA001751A3196	10/100
ivory white	2520 TR-82	2CKA001751A3197	10/100
aluminium silver ¹)	2520 TR-83	2CKA001751A3198	10/100
studio white	2520 TR-84	2CKA001751A3199	10/100
studio white, matt ¹)	2520 TR-884	2CKA001751A3201	10/100
black matt 1)	2520 TR-885	2CKA001751A3202	10/100

¹⁾ Surface painted.

black matt 1) 1) Surface painted.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
Ċ.	Switch rocker with With bell symbol. For flush-mounted protection class (De	oush switch.	
anthracite	2520 KI-81	2CKA001751A3176	10/100
ivory white	2520 KI-82	2CKA001751A3177	10/100
aluminium silver ¹)	2520 KI-83	2CKA001751A3178	10/100
studio white	2520 KI-84-500	2CKA001751A3180	10/100
studio white,	2520 KI-884	2CKA001751A3182	10/100
matt 1)			

Juilu	cc pui	nicca.	

.b.	Switch rocker with marking with small transparent lens With symbol. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20		
anthracite	1789 LI-81	2CKA001751A2931	10
ivory white	1789 LI-82	2CKA001751A2745	10
aluminium silver ¹)	1789 LI-83	2CKA001751A2951	10
studio white	1789 LI-84-500	2CKA001751A3084	10/100
studio white, matt ¹)	1789 LI-884	2CKA001751A3031	10
black matt 1)	1789 LI-885	2CKA001751A3045	10

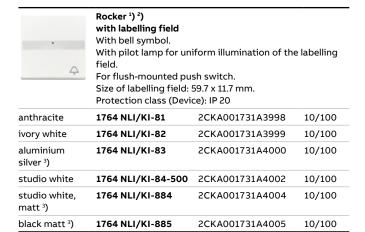
¹⁾ Surface painted.

Switch rocker with marking with small transparent lens With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
anthracite	1789 TR-81	2CKA001751A2933	10
ivory white	1789 TR-82	2CKA001751A2747	10
aluminium silver ¹)	1789 TR-83	2CKA001751A2953	10
studio white	1789 TR-84	2CKA001751A2755	10
studio white, matt ¹)	1789 TR-884	2CKA001751A3032	10
black matt 1)	1789 TR-885	2CKA001751A3046	10
1) Cfa aa mainta d		'	'

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
-	Switch rocker wit with small transp With bell symbol. For flush-mounted Protection class (arent lens d push switch.	
anthracite	1789 KI-81	2CKA001751A2932	10
ivory white	1789 KI-82	2CKA001751A2746	10
aluminium silver ¹)	1789 KI-83	2CKA001751A2952	10
studio white	1789 KI-84	2CKA001751A2754	10
studio white, matt ¹)	1789 KI-884	2CKA001751A3030	10
black matt 1)	1789 KI-885	2CKA001751A3044	10

¹⁾ Surface painted.



¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Surface painted.

	Rocker ¹) ²) with labelling field With pilot lamp for uniform illumination of the labelling field. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20		
anthracite	1764 NLI-81	2CKA001731A1552	10
ivory white	1764 NLI-82	2CKA001731A1876	10
aluminium silver ³)	1764 NLI-83	2CKA001731A1948	10
studio white	1764 NLI-84	2CKA001731A1877	10/100
studio white, matt ³)	1764 NLI-884	2CKA001731A1985	10
black matt ³)	1764 NLI-885	2CKA001731A1982	10
red RAL 3020	1764 NLI-12-82-101	2CKA001731A4011	10
Green, RAL 6032	1764 NLI-13-82	2CKA001731A4007	10/100

 $^{^{1)}} For compatible lettering software, visit www. BUSCH-JAEGER-labeling tool.com. \\$

 $^{^{\}rm 2)}$ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

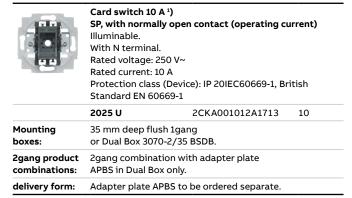
 $^{^{2)}}$ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts. $^{3)}$ Surface painted.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
0	•	oherical cap and "I". ile or 3-pole flush-mounted o e control on-off switch.	n-off
anthracite	1788-81	2CKA001751A2927	10
ivory white	1788-82	2CKA001751A2742	10
aluminium silver ¹)	1788-83	2CKA001751A2954	10
studio white	1788-84	2CKA001751A2750	10/100
studio white, matt ¹)	1788-884	2CKA001751A3028	10
black matt 1)	1788-885	2CKA001751A3042	10

Helzung	Switch rocker with marking with small red spherical cap With marking "Heizung". As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20		
anthracite	1789 H-81	2CKA001751A2929	10
ivory white	1789 H-82	2CKA001751A2743	10
aluminium silver ¹)	1789 H-83	2CKA001751A2955	10
studio white	1789 H-84	2CKA001751A2751	10
studio white, matt ¹)	1789 H-884	2CKA001751A3029	10
black matt 1)	1789 H-885	2CKA001751A3043	10

¹⁾ Surface painted.



¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product	Article-No.	Order-No.	Pack/Qty
DO NOT DISTURB	Switch rocker wit For flush-mounter push switch. DO NOT DISTURB Protection class (d switch 1g1w, 1g2w, interm	ediate,
anthracite	1786/11-81	2CKA001751A3207	10
ivory white	1786/11-82	2CKA001751A2997	10
aluminium silver ¹)	1786/11-83	2CKA001751A3001	10
studio white	1786/11-84	2CKA001751A2998	10
studio white, matt ¹)	1786/11-884	2CKA001751A3026	10
black matt 1)	1786/11-885	2CKA001751A3040	10

¹⁾ Surface painted.



Switch rocker with marking

For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM

Protection class (Device): IP 20

anthracite	1785/11-81	2CKA001751A3205	10
ivory white	1785/11-82	2CKA001751A2991	10
aluminium silver ¹)	1785/11-83	2CKA001751A2995	10
studio white	1785/11-84	2CKA001751A2992	10
studio white, matt ¹)	1785/11-884	2CKA001751A3023	10
black matt 1)	1785/11-885	2CKA001751A3037	10

¹⁾ Surface painted.



Bell push-switch DND/MUR with marking "Do not Disturb" and "Make up Room"

two seperate LED indicators with screw-type terminal Rated voltage: 250 V~

Rated current: 10 ABS EN 60669-1, IEC 60669-1

anthracite	2029 UC-81	2CKA001751A3167	1
ivory	2029 UC-82	2CKA001751A3168	1
aluminium silver ¹)	2029 UC-83	2CKA001751A3169	1
studio white	2029 UC-84	2CKA001751A3170	1
studio white, matt ¹)	2029 UC-884	2CKA001751A3172	1
black matt 1)	2029 UC-885	2CKA001751A3173	1

 $^{^{\}scriptscriptstyle 1)}$ Surface painted.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
△ CAND △	The inner part of	s sized 54 x 86 mm. the cover plate is made of li ic, so that the card slot is illu	_
anthracite	1792-81	2CKA001710A3639	10
ivory white	1792-82	2CKA001710A3640	10
aluminium silver ¹)	1792-83	2CKA001710A3670	10
studio white	1720-84	2CKA001731A1916	10
studio white, matt ¹)	1792-884	2CKA001710A3928	10
black matt 1)	1792-885	2CKA001710A3905	10

¹⁾ Surface painted.



SP, with normally open contact (operating current)

With 2-metre pull cord, red handle, and red neon indicator.

Rated voltage: 250 V~ Rated current: 10 A

2020/01 US-101 2CKA001413A1112

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Pull switch 1) SP, break contact

With 2-metre pull cord, red handle, and red neon

indicator.

Rated voltage: 250 V~ Rated current: 10 A

_		
2020/10 US-101	2CKA001413A1111	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



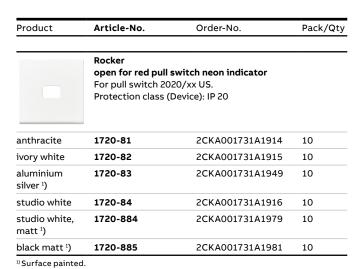
Cover plate 1)

for pull switch 2610/6 UC-xx, 2610/6 UJ-xx

With screw-type terminal Protection class (Device): IP 20

anthracite	1796-81	2CKA001753A0308	10
ivory white	1796-82	2CKA001753A0309	10
aluminium silver ²)	1796-83	2CKA001753A0310	10
studio white	1796-84	2CKA001753A0311	10
studio white, matt ²)	1796-884	2CKA001753A0313	10
black matt ²)	1796-885	2CKA001753A0314	10

¹⁾ Exchanging the available cover/cover plate.





Three-step rotary switch 1) 2) SP, with zero position

With zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

			-
2710 U	2CKA001101A0918	1/10	

1) Install only in conjunction with wall boxes ø 60 mm.

²⁾ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



Three-step rotary switch 1) 2) SP, without zero position

Without zero position. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

2710/1 U	2CKA001101A0919	1/10

 $^{1)}\mbox{Install}$ only in conjunction with wall boxes ø 60 mm. 2) Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.



Cover plate

with rotary control, with marking As cover for flush mounted three-step rotary switch.

With zero position. For insert 2710 U.

Protection class (Device): IP 20

anthracite	2542 DR/01-81	2CKA001710A3644	10
ivory white	2542 DR/01-82	2CKA001710A3645	10
aluminium silver ¹)	2542 DR/01-83	2CKA001710A3671	10
studio white	2542 DR/01-84	2CKA001710A3646	10
studio white, matt ¹)	2542 DR/01-884	2CKA001710A3890	10
black matt 1)	2542 DR/01-885	2CKA001710A3913	10

¹⁾ Surface painted.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate with rotary contro As cover for flush n Without zero positi For insert 2710/1 U Protection class (D	nounted three-step rotary ion.	switch.
anthracite	2542 DR/02-81	2CKA001710A3649	10
ivory white	2542 DR/02-82	2CKA001710A3650	10
aluminium silver ¹)	2542 DR/02-83	2CKA001710A3672	10
studio white	2542 DR/02-84	2CKA001710A3651	10
studio white, matt ¹)	2542 DR/02-884	2CKA001710A3891	10
black matt 1)	2542 DR/02-885	2CKA001710A3914	10

¹⁾ Surface painted.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Friends of Hue s	mart switch	
	complete set		
		ends of Hue smart swit	
0.0	for Friends of Hu	isting of 2gang rocker (0130 FOH-8XX
00	1	ing future® linear cover	frames
		unting plate and intern	
	•	h for wireless remote c	-
	Hue lamps. For s	witching/dimming of P	hilips Hue
	lamps. For storin	g, recalling and dimmin	ig of max. 2
	individual light so	cenes.	
	Battery-free and Harvesting".	maintenance-free thanl	ks to "Energy
	•	unted in the room using d mounting plate.	g the enclosed
		Hue Bridge v2 (square s	hape) and the
	latest Philips Hue	app (v3.2 or later).	
	Maximum reliabi	ity due to Zigbee Mesh	technology.
		l with switch ranges ca	,
		ainless steel, solo®, Bus	sch-axcent® and
	future® linear.	lata 6	
	on switch boxes.	late for mounting on sr	mooth walls or
		ng components: Double	e-sided tane +
	melaanig mounti	ng components. Double	c slaca tape i



studio white

Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel

decorative sticker.
6716 UJ-84-500

For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes.

2CKA006710A0011

Battery-free and maintenance-free thanks to "Energy Harvesting".

Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later).

Can be combined with switch ranges carat®, Buschdynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.

Can be freely mounted in the room using the enclosed adhesive tape and mounting plate.

Including fixing plate for mounting on smooth walls or on switch boxes.

Including mounting components: Double-sided tape + decorative sticker.

6716 U-500 2CKA006710A0014 1



Rocker

For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Buschdynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.

anthracite	6736 FoH-81	2CKA006730A0133	1
ivory white	6736 FoH-82	2CKA006730A0134	1
aluminium silver ¹)	6736 FoH-83	2CKA006730A0135	1
studio white	6736 FoH-84	2CKA006730A0136	1
studio white, matt ¹)	6736 FoH-884	2CKA006730A0140	1
black matt 1)	6736 FoH-885	2CKA006730A0141	1

¹⁾ Surface painted.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) Flush-mounted, LED, 2-100 W With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operator of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads). Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1 6523 U-102-500 2CKA006512A0335





Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) UP, LED, 2-400 W

Very small installation depth: < 20 mm Without claws.

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum/maximum brightness.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10%

Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control)

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 UR-103-500 2CKA006512A0345 1/10

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations

⁵⁾ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{7)}}$ Recommendation: Please use loads and types of one producer.

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty



Product

Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RL, 20-500 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

Article-No.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

Order-No.

Pack/Qty

1/10

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

2CKA006512A0302

2) In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ Provided with terminal for net disconnection devices.

4) Also applicable for 1gang 2way installations.

⁵⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) 6)

UP, RL, 200-700 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer

Short-circuit-proof, overload-protected.

With adjustable minimum brightness.

Without cover plate.

Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6520 U-500 2CKA006520A0227 1,

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
 2) In the case of conventional transformers, take ~20% transformer loss into account.
- ²In the case of conventional transformers, take ~20% transfo ³⁾ Provided with terminal for net disconnection devices.
- ⁴⁾Also applicable for 1gang 2way installations.
- ⁵⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 6) Should be mounted in a seperate wallbox.



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

Touch dimmer.

2-wire connection (neutral conductor not required)
Neutral conductor optionally connectable
(recommended for the connection of low loads
< 10 W/VA). Optimised for dimming of retrofit LED
lamps (LEDi). For incandescent lamps, 230V tungsten
halogen lamps and low-voltage halogen lamps with
conventional transformers or electronic transformers

and dimmable halogen energy-saving lamps. Mix operaton of LEDi with conventional loads possible. With adjustable minimum brightness.

The minimum brightness for the leading edge control can be adjusted using the potentiometer.

The potentiometer at the left limit stop corresponds with the trailing edge control mode.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x.

For Rusch-Watchdog Presence tech 6813-yyy-101

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V \sim , +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323 1/10

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- ³⁾ In case of electronic transformers, 5 % transformer losses.
- 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Recommendation: Please use loads and types of one producer.
- 6) In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R, 60-600 W

With rotary control, 2way On-Off switching and soft-catch. Leading Edge control.

For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1, British Standard EN 60669-2-1



2250 U-500

2CKA006515A0848

1/10

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Provided with terminal for net disconnection devices.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-2gang switch/rotary dimmer 1) 2) 3) flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 ______ 6517 U-101-500 2CKA006517A0018

³⁾ Can be used to replace a 2gang 1way switch.



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

With rotary control, soft-catch and with trailing edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 40 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6513 U-102-500

2CKA006513A0586

1/10

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

DP switched

With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate.

DP cut off (P,N)

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6514 U-500

2CKA006514A0115

1) Not suitable with conventional transformers. ²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

3) In case of electronic transformers, 5 % transformer losses.

4) Provided with terminal for net disconnection devices.

5) Also applicable for 1gang 2way installations.

6) Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RLC, 60-420 W

with soft-catch

With intelligence for universal operation.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control

6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6591 U-101-500

2CKA006513A0588

- 1) Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate. $^{\mbox{\tiny 2)}}$ In case of electronic transformers, 5 % transformer losses.
- ³⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- ⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall
- 5) Cannot be combined with a 2way switch.



Busch-rotary dimmer, extension 1) 2) flush mounted

for connection to 6591 U-101,

To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions can be connected to a 6591U-101. Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz



6592 U-500

2CKA006513A0590

1

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

¹⁾ Not suitable with conventional transformers.

²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Provided with terminal for net disconnection devices.

⁵⁾ Also applicable for 1gang 2way installations.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Control elements 2115-xxx and 6540-xxx.

²⁾ Required for illuminating the N-connection control element

Dimmers

Product	Article-No.	Order-No.	Pack/Qty		
	Busch-rotary dimm	er ¹) ²) ³) ⁴)			
Tanada D	flush mounted, 1-10)V			
Parameters 2102 90 to 2001 - 50 for skill	With rotary control.	With rotary control.			
	For controlling balla	st units for fluorescent la	mps with		
	control output 1-10 V DC, control current max. 50 mA DC.				
32	For LED control via control gears				
	Without cover plate.				
	Rated voltage: 230 V~, +10 % / -10 %				
	Rated frequency: 50 Hz - 60 Hz				
	Rated power: 700 W/VA				
	IEC 60669-2-1, British Standard EN 60669-2-1				
	IEC 00003-2-1, Billis	SII Standard EN 00005-2-1			
	=				
	2112 U-101-500	2CKA006599A2873	1/10		
¹) Non-illuminable	· · · · · · · · · · · · · · · · · · ·				

²⁾ Use cover plates 2115 J-.../2115-.../6540-... .

⁴⁾ Making-current limiters have to be provided in case of too high making currents.



Busch-rotary dimmer 1)

Flush-mounted, DALI, tunable white

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. Fool proved.

For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6,500 K.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116 U 2CKA006599A3025

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1)

Flush-mounted, DALI, with internal power supply, tunable white

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6.500 K.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable. buffered.

With integrated LED illumination for orientation.
Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: $300 \text{ m} (1.5 - 2.5 \text{ mm}^2)$.

Without cover plate.

Rated voltage: 230 V \sim , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Transporture rener (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116/11 U 2CKA006599A3026

¹⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Article-No.

Dimmers

Product

Busch-rotary dimmer 1) flush mounted, DALI For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface. With rotary control and ON/OFF push operation. Fool proved. Brightness power-on level and backround brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA. Not suitable for combining with other DALI sensors or central units of other manufacturers. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.

Order-No.

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

Temperature range (Device): 0 °C to 35 °C

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

2CKA006599A2987



Busch-rotary dimmer 1)

Without cover plate.

Protection class (Device): IP 20

flush mounted, DALI, with internal power supply

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in

Not suitable for combining with other DALI sensors or central units of other manufacturers

DALI-voltage: 15,5 V= Rated current: max. 75 mA Power consumption: < 2,5 W Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as

additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2117/11 U-500 2CKA006599A2988 Product Article-No. Order-No. Pack/Qty



Pack/Qty

Busch-touch dimmer 1) 2) flush mounted, RL, 25-500 W

With light-level memory and leading edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

Compatible with control covers 6543-xxx-10x.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Parallel operation of several transformers and/or incandescents lamps possible.

Without control cover.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6560 U-101-500

2CKA006560A1207

1/10

 $^{1)}\,\mbox{In}$ the case of conventional transformers, take ~20% transformer loss into account. ²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch touch-dimmer range 1) 2) 3) 4) flush mounted, RC, 45-315 W

For switching and dimming 2 independent devices. With trailing edge control.

2gang 1way

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Compatible with control covers 6545-xxx. Without cover, without cover plate.

Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British Standard EN 60669-2-1



6565 U-500

2CKA006565A0057 1/10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Not suitable with conventional transformers.

²⁾ In case of electronic transformers, 5 % transformer losses. 3) Only in conjunction with standard flush-mounting boxes according to DIN 49073,

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Does not provide an extension input.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dim	mer 1) 2) 3) 4)	
The second second	flush mounted, R		
	With light-level m operation.	emory and intelligence	
(40000-8		N/OFF function and m	,
		on via output-side, par ower module 6594 U up	
	•	lamps, 230 V tungsten	halogen lamps
		alogen lamps with con	
	transformers or e	lectronic transformers	i.
	Short-circuit-prod	of, overload-protected.	
	With touch contro	ol.	
	Operation also po	ossible via conventiona	l push buttons
	(2020 US, 2021/6	•	
	Without control c		
		with control lamp 6543	
		e control IR control cov	
		r control element 6455	
	Standard 6810-21	dog 180 flush-mounted	Sensor
		x-101. dog 180 flush-mounted	Leoneor
		xx-104 and 6800-xxx-1	
		dog Presence tech 6813	
	6813/11-xxx.	and i reserve teem out	XXX 101 and
	•	Busch-Watchdog exter	nsion insert
	6805 U.		
	Rated voltage: 23	0 V~, +10 % / -10 %	
	Rated frequency:	50 Hz	
	Rated power: 60 -	420 W/VA	
	IEC 60669-2-1, Br	tish Standard EN 6066	9-2-1

1) In the case of conventional transformers, take ~20% transformer loss into account.

2CKA006590A0171

²⁾ In case of electronic transformers, 5 % transformer losses.

6593 U-500

³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-Dimmer®, capacity booster ¹) flush mounted, RLC, 200-315 W

The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 315 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6594 U-500 2CKA006590A0172





Busch-touch dimmer 1) 2) 3) flush mounted, 1-10V

3 wire connection (neutral conductor required).

For control ling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M.

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

For LED control via control gears

Without control cover.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

6550 U-101-500

2CKA006550A0042

³ Non-illuminable.
³ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾with integrated making-current limiter



Busch-rotary dimmer

LED, complete set

Consisting of Busch LED rotary dimmer 6523 U-102. Consisting of the cover plate with rotary knob

6540-84-102.

Cover frame design future® linear 1721-184K. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1



studio white **6523 UJ-84-102**

2CKA006512A0350



Cover plate 1) with rotary knob, with indication lamp

Elevated knob.

With transparent luminous ring.

For Busch-Dimmer®

For inserts

2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.

anthracite	6540-81-102	2CKA006599A2950	10
ivory white	6540-82-102	2CKA006599A2951	10/100
aluminium silver ²)	6540-83-102	2CKA006599A2952	10/100
studio white	6540-84-102-500	2CKA006599A3009	10/100
studio white, matt ²)	6540-884-102	2CKA006599A2961	10/100
black matt ²)	6540-885-102	2CKA006599A2966	10/100

¹⁾ Replacement neon lamp, Art. No. 3855.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾Surface painted.

Pack/Qty

future® linear

Dimmers

Article-No. Order-No. Product Pack/Qty Control element 1) 2) 3) with neon lamp Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U. anthracite 6543-81-101 2CKA006599A2881 1/10 ivory white 6543-82-101 2CKA006599A2831 1/10 6543-83-101 2CKA006599A2887 1/10 aluminium silver 4) 6543-84-101-500 2CKA006599A3010 studio white 1/10 6543-884-101 2CKA006599A2963 studio white. 1/10 matt 4)

6543-885-101

black matt 4)

Control element ¹) with neon lamp Combinable with Busch-Memory 2gang dimmer 6565 U.

2CKA006599A2968

1/10

anthracite	6545-81	2CKA006599A2906	1/10
ivory white	6545-82	2CKA006599A2907	1/10
aluminium silver ²)	6545-83	2CKA006599A2914	1/10
studio white	6545-84	2CKA006599A2908	1/10
studio white, matt ²)	6545-884	2CKA006599A2964	1/10
black matt ²)	6545-885	2CKA006599A2969	1/10

¹⁾ Replacement neon lamp 3857.

²⁾ Surface painted.

000000000	Cover plate for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01.			
anthracite	6541-81	2CKA006599A2882	10	
ivory white	6541-82	2CKA006599A2832	10	
aluminium silver ¹)	6541-83	2CKA006599A2885	10	
studio white	6541-84	2CKA006599A2835	10	
studio white, matt ¹)	6541-884	2CKA006599A2962	10	
black matt 1)	6541-885	2CKA006599A2967	10	

¹⁾ Surface painted.

Movement detectors / comfort switches

Order-No.

Article-No.

Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers. Rated current: 10 AX Rated power: 2300 W/VA Temperature range (Device): -25 °C to 55 °C60669-2-1	FIOGUCE	AI CICIE-INO.	Order-No.	rack/ Qty
3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers. Rated current: 10 AX Rated power: 2300 W/VA Temperature range (Device): -25 °C to 55 °C60669-2-1	•	,		
	Secretary Control of the Control of	3 wire connection (r For Busch-Watchdor Standard 6810-21x-7 For Busch-Watchdor Comfort II 6800-xxx For Busch-Watchdor 6800-3x-102C. For B xxx-101 und 6813/11 For comfort timer of For Busch-Remote of For control cover wit Combinable with Butch 6805 U. Operation abuttons (2020 US, 2) Rated voltage: 230 Rated frequency: 50 Outputs: 1x Normall Suitable for: 230 V in lamps, fluorescent I lamps, that are oper Rated current: 10 A Rated power: 2300 V Temperature range	Jeutral conductor required g 180 flush-mounted Sens (101.) g 180 flush-mounted sens (104.) and 6800-xxx-104M. g 180 FP sensor for All Westusch-Watchdog Presence (105.) and (105	sor sor sather 44 tech 6813- 500. 667-xxx-10x. 10x. insert onal push -bound halogen logen



Product

Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required).

For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs.
For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.
For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M.
For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.
For control cover 6430-xxx-10x and 6543-xxx-10x.

Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

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	6402 U-500	2CKA006401A0051	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	 neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x. 		gether with

¹⁾ Compatible with previous type 6543-xxx.

²⁾ Touch-type Controller 6550 U-xxx non-illuminable.

³⁾ Replacement neon lamp 3857.

⁴⁾ Surface painted.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	3 wire connection For Busch-Watch Standard 6810-2 For Busch-Watch Comfort II 6800- For Busch-Watch 6813/11-xxx. Rated voltage: 2: Rated frequency Outputs: 1x Norr Suitable for: 230 lamps, fluoresce	idog 180 flush-mounted xxx-104 and 6800-xxx-1 idog Presence tech 6813 80 V, +10 % / -10 % : 50 Hz nally open contact, poto V incandescent lamps, nt lamps and low-voltag operated via transforme	I Sensor I sensor 04M. 3-xxx-101 und ential-bound 230 V halogen ge halogen
	Temperature ran Standard EN 606	ge (Device): 0 °C to 55 ° 669-2-1	CBritish



Busch-Watchdog MOS-Fet Insert 1) 2) 3) 4) 5) 6)

2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

2CKA006800A2160

1/10

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.

Rated power: 60 - 420 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

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6804 U-101-500 2CKA006800A2219





Busch-Watchdog extension insert 1)

3 wire connection (neutral conductor required).
For extending Busch-Watchdog 180 flush-mounted and
Busch-Watchdog Presence tech installations.
For combination with relay insert 6401 U-102 and

6402 U.
For combination with MOS-Fet insert 6804 U-101.
For combination with Dimmer insert 6593 U and

6550 U-101.
For Busch-Watchdog 180 flush-mounted sensor
Comfort II 6800-xxx-104 and 6800-xxx-104M.
For Busch-Watchdog Presence tech 6813-xxx-101 u

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Control/Signal outputs: 1, electronic output, potential-

bound

Temperature range (Device): 0 °C to 35 °C

		•	
	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	3	
Cover frames:	1gang frame 1721 BS-2 or Dual Box frame 172		
2gang product combinations:	2gang combination w APBS in Dual Box only		

1) Not combinable with relay switch insert 6812 U-101.



Busch-Watchdog 180 flush-mounted comfort sensor II 1)

with select-lens

For automatic switching of devices dependent on motion and brightness.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U.

With integrated selector switch for ON-AUTOMATIC-OFF

(lockable)

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 18 sectors with 72 switching

segments.

Switch-off delay: 10 sec to 30 min or short-time pulse

1 sec adjustable.

Detection range: frontal: 12 m, lateral: 8 m $\,$

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

anthracite	6800-81-104	2CKA006800A2268	1
ivory white	6800-82-104	2CKA006800A2099	1/10
aluminium silver ²)	6800-83-104	2CKA006800A2325	1
studio white	6800-84-104	2CKA006800A2101	1/10
studio white, matt ²)	6800-884-104	2CKA006800A2497	1
black matt ²)	6800-885-104	2CKA006800A2506	1

¹⁾ Please order the respective flush-mounted insert separately.

¹⁾ In case of electronic transformers, 5 % transformer losses.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.

⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relais.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

²⁾ Surface painted.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	sensor II ¹) ²) with multi-lens For automatic swi motion and bright For down-to-grou For relay inserts 6 For MOS-Fet inser For Dimmer insert For extension inse With integrated se (lockable). Soft phase-out: In of operation: Soft down within 60 se Surveillance densi segments. Switch-off delay: 1 1 sec adjustable. Detection range: f height: 2.5 m Detection range 2 height: 1.2 m Detection angle: 1 Brightness limit vi Mounting height: Protection class (5	nd detection. 401 U-102, 6402 U and 6812 t 6804 U-101. t 6593 U. ert 6805 U. elector switch for ON-AUTO combination with the 6593 OFF) the illumination is direct and switched off. ty: 28 sectors with 112 swit 10 sec to 30 min or short-tile frontal: 15 m, lateral: 5 m, M : frontal: 10 m, lateral: 2.5 m 80 ° alue: 5 Lux Up to daytime o 0.8 m - 1.2 m alternative: 2.5	ont on 2 U-101. DMATIC-OFF 3 U (mode mmed sching me pulse sounting me, Mounting peration
anthracite	6800-81-104M	2CKA006800A2269	1
ivory white	6800-82-104M	2CKA006800A2100	1
aluminium silver³)	6800-83-104M	2CKA006800A2327	1
studio white	6800-84-104M	2CKA006800A2102	1/10
studio white, matt ³)	6800-884-104M	2CKA006800A2498	1

¹) installation: slide switch top.

6800-885-104M

Cover plate

Proximity switch

black matt 3)

	6476-81		
anthracite	04.001	2CKA006470A0007	1/10
ivory white	6476-82	2CKA006470A0003	10
aluminium silver ¹)	6476-83	2CKA006470A0008	10
studio white	6476-84	2CKA006470A0004	10
studio white, matt ¹)	6476-884	2CKA006470A0010	10
black matt 1)	6476-885	2CKA006470A0011	10

2CKA006800A2500

Product Article-No. Order-No. Pack/Qty



Busch-Universal relay switch insert

3 wire connection (neutral conductor required).

For switching lighting systems.

For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave

insert 6440/05 U-500.

Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is

possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 2300 VA

Temperature range (Device): -5 $^{\circ}$ C to 45 $^{\circ}$ C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

6440/01 U-500

2CKA006400A0085



Universal e-contact insert 1)

2-wire connection (neutral conductor not required) For switching lighting systems.

For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated power: 20 - 180 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1



6440/04 U-500

2CKA006400A0088

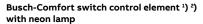
²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

¹⁾ Surface painted.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	For the extension of Presence detector with Universal relay For communication 6440/04 U-500. For element 681510 For Busch-Presence Rated voltage: 230 Rated frequency: 5 Control/Signal out bound.	neutral conductor required Busch-Comfort switch installations. For communy insert 6440/01 U-500. In with Universal-e-contactor Busch-Comfort switch of 1-500. In which we detector sensor 6813 V~, +10 % / -10 % Utz - 60 Hz puts: 1, electronic output	or Busch- nication t insert control -102-500.
	, ,	e (Device): -5 °C to 45 °C ' x D): 71 mm x 71 mm x 32 1 mm	mm
	6440/05 U-500	2CKA006400A0091	1



Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic

(motion-controlled) switch-on and switch-off.

Adjustable operating mode: semiatuomatic, manual
switch-on, automatic (time and motion-controlled)

switch-on, automatic (time and motion-controlled) switch-off.

Adjustable operating mode: automatic switch-on, manual switch-off.

With continuous light/continuous off function. Adjustment elements on the rear.

Surveillance density: 9 sectors with 28 switching segments.

Switch-off delay: 1 to 10 min., adjustable.

For Busch-Universal relay switch insert 6440/01 U-500.

For Universal Slave insert 6440/04 U-500.

For Universal-Slave insert 6440/05 U-500.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED for status display.

Detection range: frontal: 5 m, lateral: 3 m, Mounting

height: 1.1 m

Detection angle: 170 °

Brightness limit value: 0.5 Lux - 500 Lux , Daytime

operation

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm

DIN EN 60669-2-1

future® linear

anthracite	6815-81-101-500	2CKA006800A2828	1
ivory white	6815-82-101-500	2CKA006800A2830	1
aluminium silver	6815-83-101-500	2CKA006800A2832	1
studio white	6815-84-101-500	2CKA006800A2834	1
studio white matt ³)	6815-884-101-500	2CKA006800A2838	1
black matt 3)	6815-885-101-500	2CKA006800A2840	1

¹⁾ Please order the respective flush-mounted insert separately

Product	Article-No.	Order-No.	Pack/Qty
Product	Busch-Comfort secomplete set Ready-to-install reswitch combinat Consisting of Buse 6815-84-101-500. Consisting of Buse 6440/01 U-500. Consisting of 1gas Control elements switching thresh Display elements Rated voltage: 23 Rated frequency: Outputs: 1x Norn Suitable for: 230 Rated power: 100 Suitable for: 230 lamps Rated current: 10 Rated power: 230 Suitable for: Niec elektronischen Ti Rated power: 230 Detection range: height: 1.1 m Detection angle: Brightness limit	movement detector/pusion (set packaging). sch-Comfort switch consch-Universal relay switch and future® linear cover 2 controllers for setting old and switch-off delay. LED for status display. V ~, +10 % / -10 % 50 Hz - 60 Hz nally open contact, pote V~ LEDi W/VA V incandescent lamps/2 AX OO W dervolt Halogenlampen in ansformatoren. OO VA frontal: 5 m, lateral: 3 m	sh-button trol element ch insert frames. the brightness ntial-bound 230 V halogen mit
	•	(Sensor): IP 20 ge (Device): 0 °C to 35 °C	
	Dimensions: (L x Mounting depth: DIN EN 60669-2-		x 52 mm
studio white	6816 UJ-84-500	2CKA006800A28	359 1

 $^{^{1)}\}mbox{The range specifications refer to an ambient temperature of 21 °C.$

 $^{^{\}rm 2)}$ The range specifications refer to an ambient temperature of 21 °C.

³⁾ Surface painted

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty	
Key Switch Insert ¹) ²) ³) breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can I pulled out in the central position, respectively. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1				
	2733 USL-101	2CKA001101A0914	10	
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.			
neon indicator:	not applicable			
delivery form:	Adapter plate A	APBS to be ordered separate.		
1) For installation o	n British Standard	wallboxes please use adapter plat	e APBS	

¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

³⁾ See profile semi-cylindrical lock.



Blind switch insert 1) 2) SP, switch

With interlock.
Rated voltage: 250 V~
Rated current: 10 AX

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

2000/4 US-500 2CKA001012A2197 10/100

²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.



Blind switch insert 1) 2)

With rotary knob/switch and push switch. Rated voltage: 250 V~

Rated voltage: 250 V Rated current: 10 AX

Protection class (Device): IP 20

IEC 60669-1, British Standard EN 60669-1

DP ³)	OP 3)				
2712 U	2CKA001101A0534	10			
SP, N, E					
2713 U	2CKA001101A0542	10			
35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.					
2gang combination with adapter plate APBS in Dual Box only.					
not applicable					
Adapter plate APBS to be ordered separate.					
	2712 U SP, N, E 2713 U 35 mm deep flush or Dual Box 3070-2 2gang combinatio only. not applicable	2712 U 2CKA001101A0534 SP, N, E 2713 U 2CKA001101A0542 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. 2gang combination with adapter plate APBS i only. not applicable			

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)





Blind switch insert 1) 2)

With rotary knob/push button. Rated voltage: 250 V~

Rated current: 10 A

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

DP 3)		
2722 U	2CKA001101A0559	10
SP, N, E		
2723 U	2CKA001101A0567	10

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Also suitable for controlling direct voltage drives.



Blind switch/push-switch 1) 2) 3) 4)

For profile semi-cylindrical lock/switch and push-switch. Delivered without cylindrical lock.

Rated voltage: 250 V~

Rated current: 10 AX

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

2CKA001101A0872	10
2CKA001101A0880	10

 $^{^{\}rm D}$ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

⁵⁾ Also suitable for controlling direct voltage drives.



Blind switch insert 1) 2) 3) 4)

For profile semi-cylindrical lock/push-button.

Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

British Standard EN 60669-1, IEC60669-1

DP ⁵)		
2722 USL-101	2CKA001101A0898	10
SP, N, E		
2723 USL-101	2CKA001101A0906	10

 $^{^{1)}}$ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

²⁾ Use the cylindrical lock according to the enclosed drawing.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Also suitable for controlling direct voltage drives.

²⁾ Blind switches/push switches prevents fast change over between operating directions

 $^{^{\}rm 2)}$ Blind switches/push switches prevents fast change over between operating directions.

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾See semi-cylindrical lock.

 $^{^{2}}$ Blind switches/push switches prevents fast change over between operating directions.

 $^{^{3)}}$ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

Blind control / timers

Acc. to German St Total length 40 m for blind switches For inserts 2712/2 2712/2733 SLW-53	tandard DIN 18252. Im s and push switches 2713/2722/2723/2733 USL-10 K.	01 and
different lock me	echanism, with 3 keys	
0520 PZ-VS	2CKA000470A0013	1/100
	Acc. to German S Total length 40 m for blind switches For inserts 2712/2 2712/2733 SLW-5: Protection class (DIN profile-semi cylindrical lock Acc. to German Standard DIN 18252. Total length 40 mm for blind switches and push switches For inserts 2712/2713/2722/2723/2733 USL-10 2712/2733 SLW-5x. Protection class (Device): IP 20 different lock mechanism, with 3 keys 0520 PZ-VS 2CKA000470A0013



Comfort blind insert 1) 2) 3)

with memory and positioning function

For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off.

2CKA000470A0021

1/100

1/10

Suitable for operation without neutral conductor. Without an extension input.

Power reserve of 45 minutes (maintenance-free as capacitor).

0521 PZ-GS

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos φ 0.5

Rated power: 300 VA

Temperature range (Device): 0 °C to 35 °C

6419 U	2CKA006410A0390

¹⁾ Pertinent cover plates 6436-xx.

³⁾ Only suitable for single unit control.



Basic blind insert 1) 2)

2-wire blind insert

Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. For control cover 6430-xx-xxx.

For standard timer control element 6456-101.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5

Rated power: 690 VA

Temperature range (Device): 0 °C to 35 °C

	6418 U-500	2CKA006410A0376	1/10	
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9		
2gang product combinations:	2gang combination w APBS in Dual Box only.			
¹) N-conductor con	nection required for opera	ation with control cover 64	30-7x.	





Busch-Blind control II switch insert 1)

Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off. With two 230 V multi-way input terminals (Up/Down) for group control.

With operating mode switch for the following modes: normal, louvre, base station, position.

With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx.

Wind alarm, cleaning functions can be accommodated via extension input.

For control cover 6430-xx-xxx.

For IR control element 6066-xx-xxx.

For comfort timer control element 6455-101-500.

Running time: 3 min

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz

Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA

Control/Signal outputs: 2

Temperature range (Device): 0 °C to 35 °C

6411 U-500-101 2CKA006410A0378 1/10

¹) Compatible with types 6411 U/x.









Blind comfort timer, complete set

Consisting of Busch-Blind control II insert 6411 U-101. Consisting of the comfort timer control element 6455-101.

Cover frame design future® linear 1721-184K. Consisting of the future® linear cover plate for timer control element 6435-84.

studio white 6411 UJ-84-101 2CKA006410A0408





Blind basic timer, complete set

Consisting of blind basic insert 6418 U. Consisting of the standard timer control element 6456-101.



Cover frame design future® linear 1721-184K. Consisting of the future® linear cover plate for timer control element 6435-84.

2CKA006410A0405 studio white 6418 UJ-84



Brightness sensor

For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.

6414-101	2CKA006410A0389	1/10



Sun sensor

For insert 6411U/S-101. Measuring range: 5-50,000 lux.

6482	2CKA006410A0203	1	
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 $^{^{\}rm 2)}$ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

²⁾ N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

Blind control / timers

	Order-No.	Pack/Qty
countdown times For time-program consumers. With control cove Minimum timer t Maximum timer t Rated voltage: 23 Rated frequency: Outputs: 1x Norm Rated current: 10 Rated power: 230 Temperature rand	r mmed switching of electrical er, without cover plate. ime: 1 second. time: 9:59:59 hours. 80 V~, +10 % / -10 % 1: 50 Hz mally open contact 1: A, cos \(\phi \) 1 00 VA ge (Device): 0 °C to 35 °CIEC	
6465 U-101-500	2CKA006410A0393	1/10
5 5		
5 5	· ·	
	countdown time For time-prograr consumers. With control cove Minimum timer t Maximum timer: Rated voltage: 23 Rated frequency Outputs: 1x Norn Rated current: 10 Rated power: 230 Temperature ran British Standard 6465 U-101-500 35 mm deep flus or Dual Box 3070 1gang frame 172: or Dual Box fram 2gang combinati	With control cover, without cover plate. Minimum timer time: 1 second. Maximum timer time: 9:59:59 hours. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 1x Normally open contact Rated current: 10 A, cos φ 1 Rated power: 2300 VA Temperature range (Device): 0 °C to 35 °CIEC British Standard EN 60669-2-1

1)	Only in conjunction with standard flush-mounting boxes according to DIN 49073,
	Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall
	or 3060 wallbox concrete)

\triangle	Rocker with marking As cover for flush-mou switch. For inserts 2000/4 and Protection class (Device	•	h/push
anthracite	1785 JA-81	2CKA001751A2934	10
ivory white	1785 JA-82	2CKA001751A2748	10
aluminium silver ¹)	1785 JA-83	2CKA001751A2944	10/100
studio white	1785 JA-84-500	2CKA001751A3088	10/100
studio white, matt ¹)	1785 JA-884	2CKA001751A3022	10
black matt 1)	1785 JA-885	2CKA001751A3036	10

¹⁾ Surface painted.



Cover plate with rotary control, with marking

As cover for flush-mounted blind control switch/push switch.

For inserts 2712 U, 2713 U and 2722 U, 2723 U. Protection class (Device): IP 20

anthracite	1740-81	2CKA001710A3623	10
ivory white	1740-82	2CKA001710A3154	10
aluminium silver ¹)	1740-83	2CKA001710A3661	10
studio white	1740-84	2CKA001710A3172	10/100
studio white, matt ¹)	1740-884	2CKA001710A3872	10
black matt 1)	1740-885	2CKA001710A3894	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate 1) with labelling field

With marking.

For half-cylindrical type switches and blind control switch/push-switch.

For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.

	Protection class (Device): IP 20		
anthracite	1755 SL/PZ-81-101	2CKA001710A3626	10
ivory white	1755 SL/PZ-82-101	2CKA001710A3157	10
aluminium silver ²)	1755 SL/PZ-83-101	2CKA001710A3662	10
studio white	1755 SL/PZ-84-101	2CKA001710A3175	10
studio white, matt ²)	1755 SL/PZ-884-101	2CKA001710A3925	10
black matt ²)	1755 SL/PZ-885-101	2CKA001710A3902	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.



Control element

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For basic blind insert 6418 U.

For Busch-Universal 2gang 1way insert 6402 U.

anthracite	6430-81-102	2CKA006430A0326	1/10
ivory white	6430-82-102	2CKA006430A0327	1/10
aluminium silver ¹)	6430-83-102	2CKA006430A0328	1/10
studio white	6430-84-102-500	2CKA006430A0400	1/10
studio white, matt ¹)	6430-884-102	2CKA006430A0385	1/10
black matt 1)	6430-885-102	2CKA006430A0386	1/10

¹⁾ Surface painted.



Cover plate 1) with rotary knob

For comfort blinds insert 6419 U.

anthracite	6436-81	2CKA006430A0387	10
ivory white	6436-82	2CKA006430A0356	10
aluminium silver ²)	6436-83	2CKA006430A0357	10
studio white	6436-84	2CKA006430A0358	10
studio white, matt ²)	6436-884	2CKA006430A0363	10
black matt ²)	6436-885	2CKA006430A0364	10

¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp. \\

²⁾ Surface painted.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
Trying 07 03.70H		control element ¹) time-controlled switchin	g of blinds and
10:32	Individual Astro	wn program including (A adjustment and Astro bl levices can be manually c	ocking time.
		ria high-resolution displa mination.	y with
	•	tching times/date/time. tching times can be indiv	ridually
	Automatic swite (switch-off func	chover from summer time	e to winter time
	Switching times event of a mains	s/programme are safely s s power failure.	stored in the
	Power reserve for	or time and date > 10 yea	rs.
	Simple toggling modes.	between manual/autom	atic/vacation
	Programming p attached and er	ossible only with control nergized.	element
	2 switching time day of the week	es per day can be user-de	efined for each
	•	times and switching tim	es can be
	For basic blind i		_
	Temperature ra	nge (Device): 0 °C to 35 ° $^\circ$	С

2CKA006410A0398

1/10

6456-101

Product Article-No. Order-No. Pack/Qty



Comfort timer control element 1)

For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.
Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function. Freely adjustable temperature and brightness-

dependent sun protection function. Freely adjustable twilight function.

User-adjustable running times for blinds and air conditioning.

Programming possible only with control element attached and energized.

 $\,$ 6 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For Busch-Universal relay switch insert 6401 U-102.

For Busch-Universal master dimmer insert 6593 U.

For LED dimmer insert 6524 U and 6526 U..

For Busch-Memory touch-type controller 6550 U-101.

Temperature range (Device): 0 °C to 35 °C

6455-101-500 2CKA006410A0399 1/10

 $^{^{\}scriptscriptstyle 1)}\mbox{See}$ respective cover plates 6435-xx.



Time switch mechanism 16 A 1) 2)

DP, break contact for staircases, exterior lighting, fans, etc.

Running time: 15 min

For time-programmed switching of electrical consumers.

Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, $\cos \phi$ 0.25 Protection class (Device): IP 20

1070 U

2CKA001043A0025 1/

¹⁾ See respective cover plates 6435-xx.

For screw-fixing only

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Blind control / timers

	lo. Order-No.	Pack/Qty
DP, brea etc. Running For time consume Rated cu	titch mechanism 16 A ¹) ²) (c contact for staircases, exterication: 120 min programmed switching of electors. Rated voltage: 230 V~, +10 % prent: 16 A, cos \$\phi\$ 0.25 on class (Device): IP 20	or lighting, fans, strical 6 / -10 %

¹⁾ For screw-fixing only

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Cover plate

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.

anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
aluminium silver ¹)	6435-83	2CKA006430A0305	10
studio white	6435-84	2CKA006430A0306	10
studio white, matt ¹)	6435-884	2CKA006430A0388	10
black matt 1)	6435-885	2CKA006430A0389	10

¹⁾ Surface painted.



Cover plate with rotary knob, with marking

For Busch-Timer insert 1070 U. Running time: 15 min Protection class (Device): IP 20

anthracite	1770-81-103	2CKA001753A0255	10
ivory white	1770-82-103	2CKA001753A0256	10
aluminium silver ¹)	1770-83-103	2CKA001753A0257	10
studio white	1770-84-103	2CKA001753A0258	10
studio white matt ²)	1770-884-103	2CKA001753A0260	10
black matt 1)	1770-885-103	2CKA001753A0261	10

¹) Surface painted.

 $^{^{\}mbox{\tiny 2)}}\mbox{Surface lacquered in aluminium.}$



Cover plate with rotary knob, with marking

For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20

anthracite	1771-81-103	2CKA001753A0265	10
ivory white	1771-82-103	2CKA001753A0266	10
aluminium silver ¹)	1771-83-103	2CKA001753A0267	10
studio white	1771-84-103	2CKA001753A0301	10
studio white matt 1)	1771-884-103	2CKA001753A0303	10
black matt 1)	1771-885-103	2CKA001753A0304	10

¹⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
0	SCHUKO® socket o With screwless tern DP (2 P + E) Rated voltage: 250 Rated current: 16 A Protection class (De	v~	
anthracite	20 EUC-81-500	2CKA002011A6215	10/100
ivory white	20 EUC-82-500	2CKA002011A6214	10/100
aluminium silver ¹)	20 EUC-83-500	2CKA002011A6213	10/100
studio white	20 EUC-84-500	2CKA002011A6207	10/100
studio white, matt	20 EUC-884-500	2CKA002011A6208	10/100
black matt 1)	20 EUC-885-500	2CKA002011A6211	10/100

¹⁾ Surface painted.



SCHUKO® socket outlet ¹)

shuttered

With screwless terminals. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCKS-81	2CKA002013A5265	10
ivory white	20 EUCKS-82-500	2CKA002013A5376	10/100
aluminium silver ²)	20 EUCKS-83-500	2CKA002013A5375	10/100
studio white	20 EUCKS-84-500	2CKA002013A5372	10/100
studio white, matt	20 EUCKS-884-500	2CKA002013A5373	10/100
black matt 2)	20 EUCKS-885	2CKA002013A5333	10/100

¹⁾ Increased shock protection .

²⁾ Surface painted.



SCHUKO® socket outlet without claw ¹)

shuttered

Without claws.
With screwless terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCRB-81	2CKA002013A5437	10/100
ivory white	20 EUCRB-82	2CKA002013A5438	10/100
aluminium silver ²)	20 EUCRB-83	2CKA002013A5439	10/100
studio white	20 EUCRB-84-500	2CKA002013A5441	10/100
studio white, matt ²)	20 EUCRB-884	2CKA002013A5443	10
black matt ²)	20 EUCRB-885	2CKA002013A5444	10/100

 $^{^{\}scriptscriptstyle 1)}$ Increased shock protection .

²⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack,
0 0 0	SCHUKO® socket of shuttered With screw-type ter DP (2 P + E) Rated voltage: 250 V Rated current: 16 A Protection class (De	minals.			Busch-Socket outl shuttered With screwless ten DP (2 P + E) With eject mechan Rated voltage: 250 Rated current: 16 A	minals. ism. V~	
anthracite	2300 EUCB-81	2CKA002013A5448	10		Protection class (D	evice): IP 20	
ivory white	2300 EUCB-82	2CKA002013A5449	10/100	anthracite	20 EUCBDR-81	2CKA002013A5415	10
aluminium	2300 EUCB-83	2CKA002013A5450	10/100	ivory white	20 EUCBDR-82	2CKA002013A5416	10
silver 3)	2300 EUCB-84	2CKA002013A5451	10/100	aluminium silver ²)	20 EUCBDR-83	2CKA002013A5417	10
studio white,	2300 EUCB-884	2CKA002013A5453	10/100	studio white	20 EUCBDR-84	2CKA002013A5418	10
matt ³)				studio white,	20 EUCBDR-884	2CKA002013A5420	10
black matt 3)	2300 EUCB-885	2CKA002013A5454	10/100				
1) Increased shock	protection.			black matt ²)	20 EUCBDR-885	2CKA002013A5421	10

¹) Increased shock protection .

³⁾ Surface painted.



SCHUKO® socket outlet shuttered

DP (2 P + E)

With screwless terminals. Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

red RAL 3020	20 EUCKS-12-82-101	2CKA002013A5464	10



SCHUKO® USB socket outlet 1) 2) 3)

shuttered

With screwless terminals.

DP (2 P + E)

For supply and support of mobile devices via USB-cable.

With USB female connector type A.

With electronic short-circuit protection.

With electronic overload protection.

Simultaneous charging via USB connection and use of

the SCHUKO® socket outlet. Rated voltage: 250 V~

Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz

Suitable for: SCHUKO® socket outlet

Rated current: 16 A

Suitable for: USB connection

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

	Mounting depth. 33 min		
anthracite	20 EUCBUSB-81-500 2CKA002011A6176	1	
ivory white	20 EUCBUSB-82-500 2CKA002011A6177	1	
aluminium silver ⁴)	20 EUCBUSB-83-500 2CKA002011A6178	1	
studio white	20 EUCBUSB-84-500 2CKA002011A6179	1/10	
studio white, matt ⁴)	20 EUCBUSB-884-500 2CKA002011A6182	1	
black matt 4)	20 EUCBUSB-885-5002CKA002011A6183	1	

 $^{^{1)}\!}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.



2) Surface painted.

 $^{\mbox{\tiny 1)}}\mbox{Increased shock protection}$.

SCHUKO® socket outlet steplight® 1) 2) With night orientation light

with separate connection cables for switch contact.

k/Qty

with LED. Shuttered. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

	•	•	
anthracite	20 EUCBLI-81	2CKA002013A5459	1
ivory white	20 EUCBLI-82	2CKA002013A5292	1
aluminium silver ³)	20 EUCBLI-83	2CKA002013A5293	1
studio white	20 EUCBLI-84	2CKA002013A5294	1
studio white, matt ³)	20 EUCBLI-884	2CKA002013A5326	1
black matt 3)	20 FUCBL 1-885	2CKA002013A5331	1

 $^{^{1)}\}mbox{Connecting terminals}$ approved in accordance with VDE 0620-1 as connectors.

³⁾ Surface painted.



SCHUKO® socket outlet 1) with labelling field

DP (2 P + E)

Size of labelling field: 60 x 9 mm.

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUN-81	2CKA002011A3802	10
ivory white	20 EUN-82	2CKA002011A3726	10
aluminium silver ²)	20 EUN-83	2CKA002011A3810	10
studio white	20 EUN-84-500	2CKA002011A6209	10/100
studio white, matt ²)	20 EUN-884	2CKA002011A3881	10
hlack matt 2)	20 FUN-885	2CK 4002011 43884	10

 $^{^{1)}} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$

²⁾ With screw-type terminals

²⁾ No data transfer.

³⁾ Use dust cover 2098 when cleaning the device.

⁴⁾ Surface painted.

²⁾ Resistant to aggressive media, e.g. ammonia, benzine, oils, greases, alcohol, cleansing agents, in normal concentrations.

²⁾ Surface painted.

Pack/Qty

future® linear

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
0	SCHUKO® socket out with label field, incre Size of labelling field: With screwless termi DP (2 P + E) Shuttered. Rated voltage: 250 V Rated current: 16 A Protection class (Dev	assed shock protection 60 x 9 mm. nals.	
anthracite	20 EUCNB-81	2CKA002013A5427	10
ivory white	20 EUCNB-82	2CKA002013A5428	10
aluminium silver ³)	20 EUCNB-83	2CKA002013A5429	10/100
studio white	20 EUCNB-84-500	2CKA002013A5431	10/100
studio white, matt ³)	20 EUCNB-884	2CKA002013A5433	10/100
black matt ³)	20 EUCNB-885	2CKA002013A5434	10/100
red RAL 3020	20 EUCNB-12-82	2CKA002013A5423	10

³⁾ Surface painted.



SCHUKO® socket outlet ¹) with marking "EDV"

With screwless terminals. DP (2 P + E)

Shuttered.

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUCKS/DV-81	2CKA002013A5266	10
ivory white	20 EUCKS/DV-82	2CKA002013A5267	10
aluminium silver ²)	20 EUCKS/DV-83	2CKA002013A5273	10/100
studio white	20 EUCKS/DV-84	2CKA002013A5268	10
studio white, matt ²)	20 EUCKS/DV-884	2CKA002013A5327	10
black matt ²)	20 EUCKS/DV-885	2CKA002013A5332	10

¹⁾ Increased shock protection .

²⁾ Surface painted.



0 • • • · · · · · · · · · · · · · · · ·	Busch-Protector® SCHUKO® socket outlet ¹) with overvoltage protection DP (2 P + E) With integrated and external signalling contact. ISN = 5 kA Device protection for technical sensitive equipm such as computer, entertainment electronics an building management systems. Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet. Arrestor test class: classification Type 2 Rated voltage: 250 V~ Secondary: 250 V~ Rated current: 16 A Protection class (Device): IP 20	nent d
anthracite	2310 EUGL/VA-81-11 2CKA002011A3830	1
ivory white	2310 EUGL/VA-82-11 2CKA002011A3831	1
aluminium silver ²)	2310 EUGL/VA-83-11 2CKA002011A3832	1
studio white	2310 EUGL/VA-84-11 2CKA002011A3833	1

Order-No.

2310EUGL/VA-884-112CKA002011A3882

2310EUGL/VA-885-112CKA002011A3885

2CKA002011A6257

1/10

studio white,

black matt 2)

red RAL 3020

matt 2)

Product

Article-No.



SCHUKO® socket outlet with LED control light

Shuttered. DP (2 P + E)

2310 EUGL/

VA-12-82-101

With transparent lens.

LED colour green.

Rated voltage: 250 V~

Rated current: 16 A
Protection class (Device): IP 2

	Protection class (Devi	ce): IP 20	
anthracite	20 EUCBL-81	2CKA002013A5457	10
ivory white	20 EUCBL-82	2CKA002013A5284	10
aluminium silver ¹)	20 EUCBL-83	2CKA002013A5285	10
studio white	20 EUCBL-84	2CKA002013A5286	10
studio white, matt ¹)	20 EUCBL-884	2CKA002013A5336	10
black matt 1)	20 EUCBL-885	2CKA002013A5330	10
Green, RAL 6032	20 EUCBL-13-84-101	2CKA002013A5467	10
orange RAL 2004 ²)	20 EUCBL-14-84	2CKA002013A5288	10

¹⁾ Surface painted.

10

 $^{^{1)}}$ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Surface painted.

²⁾ Resistant to aggressive media, e.g., ammonia, benzine, oils, greases, alcohol, and cleansing agents, in normal concentrations.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Object sock shuttered With screwless ter DP (2 P + E) Incl. Cover plate wi Rated voltage: 250 Rated current: 16 A Protection class (D	minals. ith extract mechanism. V~	
anthracite	20 EUAB-81	2CKA002013A5404	10
ivory white	20 EUAB-82	2CKA002013A5405	10
aluminium silver ²)	20 EUAB-83	2CKA002013A5406	10
studio white	20 EUAB-84	2CKA002013A5407	10
studio white, matt ²)	20 EUAB-884	2CKA002013A5409	10
black matt 2)	20 EUAB-885	2CKA002013A5410	10

²⁾ Surface painted.



FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) 1) 2) 3) with earth leakage circuit breaker

Shuttered.

DP cut off (P,N)

Without PE monitoring.

With connecting conductor and protection of

downstream socket outlets.

Rated fault current: 30 mA.

With fixing claws.

Rated frequency: 45-60 Hz. Rated voltage: 230 V~

Rated current: 16 A

Protection class (Device): IP 20

Temperature range (Device): -25 °C to 40 °C

anthracite	3120 EUCB-81	2CKA003116A0667	1/10
ivory white	3120 EUCB-82	2CKA003116A0661	1
aluminium silver ⁴)	3120 EUCB-83	2CKA003116A0668	1/10
studio white	3120 EUCB-84	2CKA003116A0662	1
studio white, matt ⁴)	3120 EUCB-884	2CKA003116A0670	1/10
black matt 4)	3120 EUCB-885	2CKA003116A0671	1/10
		-	

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors. $^{\mbox{\tiny 2)}}$ Protective measure according to VDE 0100; can be proven or checked using the

•	Buschmat® FI - Insert¹) with earth leakage breaker with connecting conductor Protection of downstream consumers. Rated fault current: 30 mA. DP cut off (P,N) Without claw fixation. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 20 Temperature range (Device): -25 °C to 40 °C			
anthracite	3151 UC-81	2CKA003117A0009	1/10	
ivory white	3151 UC-82	2CKA003117A0005	1/10	
aluminium silver ²)	3151 UC-83	2CKA003117A0010	1/10	

Order-No.

2CKA003117A0006

2CKA003117A0012

Pack/Qty

1/10

1/10

studio white

studio white,

matt 2)

Product



SCHUKO® socket outlet

with hinged lid

With screwless terminals.

DP (2 P + E)

3151 UC-84

3151 UC-884

Article-No.

Hinged lid notches when opened.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

anthracite	20 EUK-81	2CKA002018A1486	10
ivory white	20 EUK-82	2CKA002018A1465	10
aluminium silver ¹)	20 EUK-83	2CKA002018A1487	10
studio white	20 EUK-84-500	2CKA002018A1509	10/100
studio white, matt ¹)	20 EUK-884	2CKA002018A1494	10
black matt 1)	20 EUK-885	2CKA002018A1495	10

¹⁾ Surface painted.

 $Profitest\ 0100S\ testing\ device, for\ example.$

 $^{^{3)}}$ Increased shock protection .

⁴⁾ Surface painted.

black matt 2) 3151 UC-885 2CKA003117A0013 1) Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

²⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
•••	SCHUKO® socket with hinged lid ar Shuttered. With screwless te DP (2 P + E) with hinged lid Rated voltage: 25(Rated current: 16. Protection class (1	nd internal increased shock rminals. 0 V~ A	k protection		SCHUKO® socker with hinged lid a Shuttered. With screwless to DP (2 P + E) With evenly enga Delivery includes Rated voltage: 25 Rated current: 16	erminals. ging lock. 2 keys. 50 V~ A	
anthracite	20 EUKB-81	2CKA002018A1517	10/100		Protection class	(Device): IP 20	
ivory white	20 EUKB-82	2CKA002018A1518	10/100	anthracite	20 EUKNBSL-81	- 101 2CKA002018A1558	10
aluminium	20 EUKB-83	2CKA002018A1519	10/100	ivory white	20 EUKNBSL-82	-101 2CKA002018A1560	10
silver 2)				aluminium	20 EUKNBSL-83	-101 2CKA002018A1562	10
studio white	20 EUKB-84	2CKA002018A1520	10/100	silver ²)			
studio white,	20 EUKB-884	2CKA002018A1522	10/100	studio white	20 EUKNBSL-84	-101 2CKA002018A1564	10
matt ²)			,	studio white,	20 EUKNBSL-88	4-101 2CKA002018A1566	10
black matt ²)	20 EUKB-885	2CKA002018A1523	10/100	matt ²)			
anthracite 3)	20 EUKBR-81	2CKA002018A1526	10/100	black matt 2)	20 EUKNBSL-88	5-101 2CKA002018A1568	10
ivory ³)	20 EUKBR-82	2CKA002018A1527	10/100	1) Increased shoc	•		
aluminium silver ²) ³)	20 EUKBR-83	2CKA002018A1528	10/100	- Surface painted			

10/100

10/100

10/100

2CKA002018A1529

2CKA002018A1530

2CKA002018A1531

studio white 3)

studio white,

matt²)³)

³⁾ Without claw.



SCHUKO® socket outlet 1) with hinged lid and lock

20 EUKBR-84

20 EUKBR-884

20 EUKBR-885

Shuttered. With screwless terminals. DP (2 P + E) With different lock mechanism. Delivery includes 2 keys. Rated voltage: 250 V~ Rated current: 16 A

	Protection class (Device): IP 20			
anthracite	20 EUKNBSL-81	2CKA002018A1557	10	
ivory white	20 EUKNBSL-82	2CKA002018A1559	10	
aluminium silver ²)	20 EUKNBSL-83	2CKA002018A1561	10	
studio white	20 EUKNBSL-84	2CKA002018A1563	10	
studio white, matt ²)	20 EUKNBSL-884	2CKA002018A1565	10	
black matt ²)	20 EUKNBSL-885	2CKA002018A1567	10	

¹⁾ Increased shock protection .

SCHUKO® socket outlet 1) 2) 3) with hinged lid and labelling field Shuttered.

With screwless terminals. DP (2 P + E) with hinged lid

Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Protection class (Device): IF 20			
anthracite	20 EUKNB-81	2CKA002018A1537	10/100
ivory white	20 EUKNB-82	2CKA002018A1538	10/100
red RAL 3020 ⁴)	20 EUKNB-12-82	2CKA002018A1533	10/100
Green, RAL 6032 ⁴)	20 EUKNB-13-82	2CKA002018A1534	10/100
orange RAL 2004 ⁴)	20 EUKNB-14-82	2CKA002018A1535	10/100
aluminium silver ⁵)	20 EUKNB-83	2CKA002018A1539	10/100
studio white	20 EUKNB-84	2CKA002018A1540	10/100
studio white, matt ⁵)	20 EUKNB-884	2CKA002018A1541	10/100
black matt 5)	20 EUKNB-885	2CKA002018A1542	10/100

¹⁾ Increased shock protection .

 $^{^{\}mbox{\tiny 1)}}\mbox{Increased shock protection}$.

black matt 2) 3) ²⁾ Surface painted.

²⁾ Surface painted.

²⁾ The labels are clamped under the labelling field.

 $^{^{\}rm 3)} For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.$

 $^{^{\}mbox{\tiny 4)}}\mbox{With continuous coloured marking of cover plate and base.}$

⁵⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket ou with hinged lid, labe Shuttered. With screwless term DP (2 P + E) with hinged lid Size of labelling field Rated voltage: 250 V Rated current: 16 A Protection class (Dev	illing field and LED controllings. : 60 x 9 mm.	ol light
anthracite	20 EUKNBL-81	2CKA002018A1548	10/100
ivory white	20 EUKNBL-82	2CKA002018A1549	10/100
red RAL 3020 ⁴)	20 EUKNBL-12-82	2CKA002018A1544	10/100
Green, RAL 6032 ⁴)	20 EUKNBL-13-82	2CKA002018A1545	10/100
orange RAL 2004 ⁴)	20 EUKNBL-14-82	2CKA002018A1546	10/100
aluminium silver ⁵)	20 EUKNBL-83	2CKA002018A1550	10/100
studio white	20 EUKNBL-84	2CKA002018A1551	10/100
studio white, matt ⁵)	20 EUKNBL-884	2CKA002018A1552	10/100
black matt ⁵)	20 EUKNBL-885	2CKA002018A1553	10/100

 $^{^{\}scriptscriptstyle 1)}$ Increased shock protection .

⁵⁾ Surface painted.

	SCHUKO® socket outle shuttered DP (2 P + E) With screwless termina Rated voltage: 250 V~ Rated current: 16 A Protection class (Device	als.	
Green, RAL 6032	20 EUCKS-13-82-101	2CKA002013A5470	10
orange RAL 2004	20 EUCKS-14-82	2CKA002013A5324	10



SCHUKO® socket outlet ¹) with marking

Shuttered.

With screwless terminals.

DP (2 P + E)

With continuous coloured marking of cover plate and

base.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Green, RAL 6032 ²)	20 EUCB-13-82-102	2CKA002013A5472	10/100
orange RAL 2004 ³)	20 EUCB-14-82-10	2CKA002013A5413	10/100

¹⁾ Increased shock protection .

Product	Article-No.	Order-No.	Pack/Qty



SCHUKO® socket outlet with marking

With screwless terminals. DP (2 P + E) Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

Green, RAL 20 EUC-13-82-101 2CKA002011A6260 10 6032 orange RAL 20 EUC-14-82 2CKA002011A3723 10 2004



SCHUKO® socket outlet 1) 2) with labelling field

Size of labelling field: 60 x 9 mm. With screwless terminals.

DP (2 P + E)

Shuttered.

Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20

Green, RAL 20 EUCNB-13-82 2CKA002013A5424 10

6032 orange RAL 20 EUCNB-14-82 2CKA002013A5425 10 2004

²⁾ Increased shock protection .



Socket outlet 1)

shuttered Without claws.

With screw-type terminals.

DP

Suitable for 1gang flush-mounted boxes.

Rated voltage: 250 V~ Rated current: 16 A

anthracite 2300 UCRKS-81-503 2CKA002113A5339 10 ivory white 2300 UCRKS-82-503 2CKA002113A0510 10 studio white 2300 UCRKS-84-503 2CKA002113A0511 10 2300 UCRKS-884-503 2CKA002113A5337 studio white, 10 matt 2) black matt 2) 2300 UCRKS-885-503 2CKA002113A5340 10

²⁾ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

⁴⁾ With continuous coloured marking of cover plate and base.

²⁾ With imprint "PS"

³⁾ With imprint "CPS"

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{1)}}$ Increased shock protection .

²⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
		,	
	For supply and s With USB female short-circuit pro protection. Sime and use of the S countries like Po Rated voltage: 2 Secondary: 5 V-, Rated frequency Suitable for: Soc Rated current: 1 Suitable for: USI Rated current: 7 Protection class Temperature rai	terminals. Shuttered. DP (2 support of mobile devices of econnector type A. With electection. With electronic ovultaneous charging via USB GCHUKO® socket outlet. Sui bland, Czech Republic. 1:50 V~ +5 % / -5 % / -5 % / -5 % / -5 % DHz cket outlet connection 6 A B connection 00 mA (Device): IP 20, SELV nge (Device): 5 °C to 35 °C x W x D): 71 mm x 71 mm x 5	via USB-cable. ectronic erload connection table for the
anthracite	20 MUCBUSB-8	1-500 2CKA002017A0893	3 1
ivory white	20 MUCBUSB-8	2-500 2CKA002017A0875	5 1
aluminium silver ³)	20 MUCBUSB-8	33-500 2CKA002017A0894	1 1
studio white	20 MUCBUSB-8	34-500 2CKA002017A0876	5 1
studio white matt ³)	20 MUCBUSB-884	2CKA002017A0896	5 1
black matt ³)	20 MUCBUSB-885	2CKA002017A0897 - 500	' 1

¹⁾ No data transfer.

³⁾ Surface painted.



Shaver socket outlet

For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 20 VA

anthracite	2332 UJBS-81	2CKA002130A0297	1
studio white	2332 UJBS-84	2CKA002130A0292	1
black matt 1)	2332 UJBS-885	2CKA002130A0295	1

¹⁾ Surface painted.



Flush-mounting wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm

3030	2CKA001741A0067	4



Flush-mounting cavity wall box, 2gang

For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm

3031	2CKA001741A0068	4
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Product	Article-No.	Order-No.	Pack/Qty



13 A Switched socket outlet

SP switched

1gang

Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.

Rated voltage: 250 V~

Rated current: 13 ABS 1363: part2

anthracite	2190 EUC-81	2CKA002190A0216	10/100
studio white	2190 EUC-84	2CKA002190A0215	10/100
black matt 1)	2190 EUC-885	2CKA002190A0219	10

¹⁾ Surface painted.



2gang European/American socket outlet, 10A

2gang

With screw-type terminals.

SP switched

Without claws. Rated voltage: 250 V~

Rated current: 10 A

2192-02 UC-83-500

delivery on request

anthracite 2192-02 UC-81-500 delivery on request ivory white 2192-02 UC-82-500

delivery on request

aluminium silver 1)

delivery on request studio white 2192-02 UC-84-500

¹⁾ Surface painted.



Socket outlet 1)

with earth pin With screwless terminals.

Suitable for the countries: Belgium, Poland, Czech

Republic.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

20 M-500 2CKA002017A0854 10/10	00
---------------------------------------	----

¹⁾ Insert can be used for all covers 2399 UCKS-xx.



Socket outlet cover frame shuttered

For socket outlet insert 20 M-500. Rated voltage: 250 V~

anthracite	2399 UCKS-81	2CKA002099A0216	10
ivory	2399 UCKS-82	2CKA002099A0211	10
aluminium silver ¹)	2399 UCKS-83	2CKA002099A0241	10/100
studio white	2399 UCKS-84	2CKA002099A0214	10
studio white, matt ¹)	2399 UCKS-884	2CKA002099A0255	10
black matt 1)	2399 UCKS-885	2CKA002099A0256	10/100

¹⁾ Surface painted.

²⁾ Use dust cover 2098 when cleaning the device.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet with earthing pin With screwless term Suitable for the cour DP (2 P + E) Rated voltage: 250 V Rated current: 16 A Protection class (De	ntries like Poland, Czech I	Republic.
ivory white	20 MUC-82-500	2CKA002017A0785	10/100
studio white	20 MUC-84-500	2CKA002017A0786	10/100
studio white, matt ¹)	20 MUC-884-500	2CKA002017A0859	10
¹) Surface painted			



Socket outlet 1)

with earth. pin/increased shock protection

With screwless terminals. Shuttered.

Suitable for the countries like Poland, Czech Republic. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

		cc)c	
anthracite	20 MUCKS-81-500	2CKA002017A0898	10
ivory white	20 MUCKS-82-500	2CKA002017A0806	10
aluminium silver ²)	20 MUCKS-83-500	2CKA002017A0899	10
studio white	20 MUCKS-84-500	2CKA002017A0807	10
studio white matt ²)	20 MUCKS-884-500	2CKA002017A0901	10
black matt ²)	20 MUCKS-885-500	2CKA002017A0902	10

¹⁾ Socket outlet with integrated child protection. Replaces the usual term"...with child protection".

²⁾ Surface painted.





Chinese socket outlet, 16 A

1gang

With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1

Rated voltage: 250 V~ Rated current: 16 A

studio white	2193 EUC/16-84-500	
	delivery on request	
ivory white	2196 EUC/16-82-500	
	delivery on request	
anthracite	2193 EUC/16-81-500	
	delivery on request	
	Rated current: 16 A	

Product	Article-No.	Order-No.	Pack/Qty



Chinese and Euro American socket outlet, 10 A

1gang

With screw-type terminals.

Without claws.

According to Chinese standard: GB 2099.1

Rated voltage: 250 V~ Rated current: 10 A delivery on request

anthracite 2195 EUC/10-81-500

delivery on request
ivory white 2195 EUC/10-82-500
delivery on request



studio white

International socket outlet 13A 1)

1gang

With screw-type terminals.

2195 EUC/10-84-500

Without claws.

Rated voltage: 250 V~ Rated current: 13 A

delivery on request
e 2197 EUC-81-500

anthracite 2197 EUC-81-500
delivery on request
ivory white 2197 EUC-82-500
delivery on request
studio white 2197 EUC-84-500

 $^{^{\}mbox{\tiny 1)}}\mbox{Usage}$ may be restricted in certain countries.



Euro American socket outlet with earth, 16 A

1gang

With screw-type terminals.

Without claws.

Rated voltage: 250 V~ Rated current: 16 A

delivery on request 2196 EUC-81-500

anthracite 2196 EUC-81-500
delivery on request
ivory white 2196 EUC-82-500
delivery on request
studio white 2196 EUC-84-500

Data communication

Product	Article-No.	Order-No.	Pack/Qty		
	WLAN access point,				
WE - 1111	power supply from i	mains power			
W W	Operation as WLAN	access point for the	connection of		
1	WLAN terminal device	ces to the LAN.			
EM	Operation as WLAN	repeater for extendi	ng the		
	transmission range of a WLAN.				
	Operation as WLAN	adapter for integrat	ing Ethernet		
	terminal devices into	a WLAN.			
	Supports WLAN star	ndards IEEE 802.11b	/g/n with		
	2.4 GHz; integrated \	2.4 GHz; integrated WLAN antenna.			
	Backward connectio	Backward connection of an Ethernet cable via screw			
	terminals (10/100 M	terminals (10/100 Mbit/s).			
	Front-side Ethernet	connection via a RJ4	15 socket		
	(10/100 Mbit/s).				
	The three connectio	ns (WLAN, Ethernet,	/screw terminals		
	and Ethernet/RJ45)	can be used in paral	lel via the		
	integrated switch.				
	Power supply via 2-p	ole connecting term	ninal.		
	Nominal voltage:	100 - 240 V~			
	For mounting in com	nmercially available	deep flush-		
	mounted and hollow	-wall boxes.			
	Rated frequency: 50 Hz - 60 Hz				
	Protection class (De	vice): IP 20			
	8186/31-101-500	2CKA008100A0	359 1		

¹⁾ Suitable for cover plate 1803-xxx.

Reset magnet



For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.

Protection class (Device): IP 20

8186/11-500 2CKA008100A0361



Universal data connection unit, cat. 3 1) 1gang

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

0213-500 2CKA000230A1549 10/100

¹⁾ Suitable for cover plate 1803-xxx.



Universal data connection box with down-leading

2gang internally parallel connected

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

	0214	2CKA000230A0235	10/100
Mounting boxes:	35 mm deep fl or Dual Box 30	3 3	
lgang product 2gang combination with adapter plate ombinations: APBS in Dual Box only.			

neon indicator: not applicable 1) Suitable for cover plate 1803-02-xxx.

Product Article-No. Order-No. Pack/Qty



Universal data connection box with down-leading outlet 1)

2 x outlets, 8/8-pole

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

	Protection class (Device): IP 20		
	0215	2CKA000230A0243	10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9	
2gang product combinations:	ct 2gang combination with adapter plate : APBS in Dual Box only.		

neon indicator: not applicable

¹⁾ Suitable for cover plate 1803-02-xxx.



Data-connection box, RJ 45, cat. 6a iso, shielded 1)

With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to

ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B. Up to 500 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation. Suitable for R111, R112 und R145

For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without claws

Mounting depth: 31 mm.

Protection class (Device): IP 20

2CKA000230A0409 0218/11-101 1/10

 $^{^{2)}}$ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

 $^{^{\}scriptscriptstyle 1)}$ Suitable for cover plate 1803-xxx.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	2 x outlets, 8, With down-lead RJ-45 terminal EA (10 Gbits/s Equates to call ISO/IEC 11801 Terminal mark Typ according Shielding according Shielding according Shielding according Suitable for Picontact durable for Picontact durable Earthing of the back possible Re-embedded Suitable for Michael Suitable for Michael For Michael Earthing of Michael Earthing of the Suitable for Michael Earthing of Michael E	ading outlet and LSA self-cuals for networks according to 5 / 500MHz). t. 6a, Class EA according to 1:2011-06. king A and B according to Tl. 2 to EN 60 603-7-51:2011-01. ording to DIN EN 55022, Class Iz on all pairs of wires. O-Gigabit Ethernet. oE+ according to IEEE 802.3 oility. ries from all sides without bousing via 6,3 mm blade term. d proofed. lix-and-Match operation. J 11, RJ 12 und RJ 45. as with a diameter of 6 -10 neems, flush-mounted wall bothers.	tting clamps. o Cat 6A, Class A/EIA-568-B.2. at, >- 1.000 buckles. minal at the
	For wires of A Without claws	5.	
	Mounting dep Protection cla	uss (Device): IP 20	

1) Suitable for cover plate 1803-02-xxx.



Universal data connection box 8(6)/ telephone unit 6F+N - connection box 1)

2CKA000230A0411

1/10

10/100

2 x 6-pole

0218/12-101

with straight outlet,

with screw contacts.

Universal data-connection boxes: RJ 11/12,

ISDN capable Cat. 3 in acc. with IEC 603-7/German

Standard DIN EN 60603-7,

Telecommunication outlet (telephone unit): for 1 telephone, 1 auxiliary device or 1 data transmission unit,

With claw. Protection class (Device): IP 20

2CKA000230A0381 UAE 8(6)TAE 6 F+N white

1) Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.



Satellite co-axial outlets

2 connectors/dead-end feeder

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

2CKA000230A0250 10/100



Antenna socket insert Radio/TV 2 connectors/loop through type

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

0231-101 2CKA000230A0268 10/100 Product Article-No. Order-No. Pack/Qty



Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder

Broadband technology 47-2.150 MHz.

SAT connection designed as screwable F-male plug.

with remote feed via F-bush

For DVB-T and broadband-cable-systems.

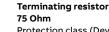
For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

0232-101-500 2CKA000230A0463 10/100



Protection class (Device): IP 20

0239 2CKA000230A0201 10/100



Mounting plate 1) 2) with green insert

For 2 modular jack inserts.

For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws.

Protection class (Device): IP 20

1810-500 2CKA001753A9974

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2)

with red insert

For 2 modular jack inserts.

Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone,

Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts

For Telegärtner AMJ/UMJ connection modules/

couplings.

For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk.

Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws.

Protection class (Device): IP 20

1812-500 2CKA001753A9972 10/100

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

 $^{^{\}mbox{\tiny 2)}}\mbox{For further information, please refer on the Internet.}$

future® linear

Data communication

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty	
Ф	with black inseri For MTRJ or 2 me For systems: Ack Line (SL) -SM 2ga Toolless Jacks / CombiNet, EFB E	Mounting plate 1) 2) with black insert For MTRJ or 2 modular jack inserts. For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.			For the accommo modules 0219. For channel and Suitable for telep 2539-21x and 176	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	•	For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.			0219/13	2CKA000230A0396	1/10	
	Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm. Without claws. Protection class (Device): IP 20				1	e, RJ 45, cat. 6a iso, shielde	d ¹)	

10/100

1814-500



Mounting plate 1) 2) with blue insert

For 2 modular jack inserts.

For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45

2CKA001753A9973

Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.

Without claws.

Protection class (Device): IP 20

2CKA001710A3100

1) Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with orange base

For 2 modular jack inserts.

For system: LexCom 150 and LexCom 250.

Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.

Without claws.

Protection class (Device): IP 20

2CKA001753A8056 1819 10/100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with grey base

For 2 modular jack inserts.

For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.

Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws.

Protection class (Device): IP 20

1820 2CKA001753A8057

²⁾ For further information, please refer on the Internet.



Flush-mounted assembly adapter

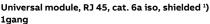
For the accommodation of one or two universal modules 0219.

For flush-mounted installation.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

Protection class (Device): IP 20

0219/12 2CKA000230A0395 1/10



For installation in installation adapter 0219/12 or

Also suited for mounting into cover plate 2561-xxx. 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Cat. 6A according to ISO/IEC 11801: 2011-06. Terminal marking A and B according to TIA/EIA-568-B.2.

Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B. Suitable for PoE+ according to IEEE 802.3at, >- 1.000

contact durability.

Bend-radius optimised cable feed (30°).

Earthing of housing via 6,3 mm blade terminal at the

back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

For 8-pole plug RJ 45 only.

Housing made from diecast zinc.

With integrated dust-protection cap (can be removed if necessary).

With insulation displacement connection For data cables with a diameter of 6 -10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Protection class (Device): IP 20

0219-101 2CKA000230A0413

1) With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.



Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).

Protection class (Device): IP 20

0210 2CKA000225A0078 10



Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22)

Protection class (Device): IP 20

2CKA000225A0086

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

Data communication

Product	Article-No.	Order-No.	Pack/Qty			
	in cover plates. For devices of 19 r	For potential balancing jack cover plate and installation				
	0471-0-0037	2CKA000471A0037	10			
1	Suitable for plug 2 0037 acc. to Germ For potential bala to 6 mm² crimped	Potential balancing plug Suitable for plug 2095 UC-212 and built-in jack 0471- 0037 acc. to German Standard DIN 42801. For potential balancing jack cover plate (connection to 6 mm² crimped or soldered) Protection class (Device): IP 20 0299-0-0032 2CKA000299A0032 10				
	Blank plate with metal mount Protection class (I	- •				

anthracite	1742-81	2CKA001710A3612	10
ivory white	1742-82	2CKA001710A3143	10
aluminium silver ¹)	1742-83	2CKA001710A3664	10
studio white	1742-84	2CKA001710A3161	10/100
studio white	1742-84-500	2CKA001710A3991	10/100
studio white, matt ¹)	1742-884	2CKA001710A3873	10/100
black matt 1)	1742-885	2CKA001710A3895	10

¹⁾ Surface painted.



Cover plate 1) with flex outlet

As cover for flex outlet, for cords up to 10.3 mm diameter.

With strain relief (without terminal block). Protection class (Device): IP 20

anthracite	1749-81	2CKA001710A3614	10
ivory white	1749-82	2CKA001710A3145	10
aluminium silver ²)	1749-83	2CKA001710A3665	10
studio white	1749-84	2CKA001710A3163	10/100
studio white, matt ²)	1749-884	2CKA001710A3878	10
black matt ²)	1749-885	2CKA001710A3900	10

 $^{^{\}mbox{\tiny 1)}}\mbox{Cover plate can also be used individually as cover for telephone connector boxes (VDo).$

Product	Article-No.	Order-No.	Pack/Qty



Cover plate 1)

As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK).

BTR (universal data connecting unit design and IAE design).

Telegärtner (AMJ 45, UMJ 45).

With down-leading outlet.

With labelling field.

Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20

1803-81 anthracite 2CKA001710A3616 10 ivory white 1803-82 2CKA001710A3147 10 aluminium 1803-83 2CKA001710A3674 10 silver 2) 1803-84-500 10/100 studio white 2CKA001710A1550 studio white, 1803-884 2CKA001710A3889 10 matt 2)

black matt ²) **1803-885** 2CKA001710A3912 10

³ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
² Surface painted.



Cover plate 1)

2gang

As cover for universal data connection boxes. Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

Brand-Rex (WAEGV 8/8 EKR/EK).

AMP (NETCONNECT 5E).

BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).

cti (cti-wire 2.8 Cat.6).

Telegärtner (AMJ 45, UMJ 45).

With down-leading outlet.

With labelling field.

Size of labelling field: 60 x 9 mm.

Protection class (Device): IP 20

anthracite	1803-02-81	2CKA001710A3615	10
ivory white	1803-02-82	2CKA001710A3146	10
aluminium silver ²)	1803-02-83	2CKA001710A3610	10/100
studio white	1803-02-84-500	2CKA001710A1551	10/100
studio white, matt ²)	1803-02-884	2CKA001710A3888	10
black matt ²)	1803-02-885	2CKA001710A3911	10

 $^{^{1)}} For compatible \ lettering \ software, visit \ www. BUSCH-JAEGER-labeling tool.com.$

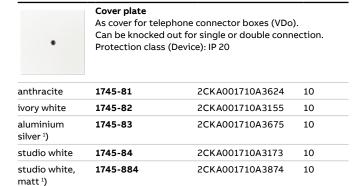
²⁾ Surface painted.

²⁾ Surface painted.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
•	adapter. USB power adapt For loudspeaker of Suitable for part For data modules Suitable for Art. N	MI inserts and communicate insert 6472 U. Connection box. number 0248/0x-101. No. 0219/12 and 0219/13. Lets with 90° RJ45 outlet from MJ and WE).	
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
aluminium silver ¹)	1766-83	2CKA001710A3659	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
studio white, matt ¹)	1766-884	2CKA001710A3926	10
black matt 1)	1766-885	2CKA001710A3903	10

¹⁾ Surface painted.



2CKA001710A3896

10

black matt 1) 1) Surface painted.



Cover plate 1) socket outlet

1745-885

Telephone socket (TDO)

black matt 2)	1762-885-506	2CKA001710A4109	10/100
studio white matt ²)	1762-884-506	2CKA001710A4108	10/100
studio white	1762-84-506	2CKA001710A4106	10/100
aluminium silver ²)	1762-83-506	2CKA001710A4105	10/100
ivory white	1762-82-506	2CKA001710A4104	10/100
anthracite	1762-81-506	2CKA001710A4103	10/100

¹⁾ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).

Product	Article-No.	Order-No.	Pack/Qty



Cover plate 1) 2)

as cover for standard Radio/TV/SAT socket outlets

With 2 connectors Acc. to German Standard DIN 45330. Radio/TV/SAT.

With M3 fixing screw.

	Protection class (D	revice): IF 20	
anthracite	1743-81	2CKA001724A4252	10
ivory white	1743-82	2CKA001724A2758	10
aluminium silver ³)	1743-83	2CKA001724A4262	10
studio white	1743-84-500	2CKA001724A4332	10/100
studio white, matt ³)	1743-884	2CKA001724A4293	10/100
black matt 3)	1743-885	2CKA001724A4298	10/100

¹⁾ Third opening can be knocked out.

³⁾ Surface painted.



Cover plate

As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Protection class (Device): IP 20

studio white, matt ¹)	1743-04-84 1743-04-884 1743-04-885	2CKA001724A4377 2CKA001724A4379 2CKA001724A4380	10 10
studio white,			
studio white	1743-04-84	2CKA001724A4377	10
aluminium silver 1)	1743-04-83	2CKA001724A4376	10
ivory white	1743-04-82	2CKA001724A4375	10
anthracite	1743-04-81	2CKA001724A4374	10

¹⁾ Surface painted.



Cover plate

As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Protection class (Device): IP 20

black matt 1)	1743/10-04-885	2CKA001724A4371	10
studio white, matt ¹)	1743/10-04-884	2CKA001724A4370	10
studio white	1743/10-04-84	2CKA001724A4368	10/100
aluminium silver ¹)	1743/10-04-83	2CKA001724A4367	10
ivory white	1743/10-04-82	2CKA001724A4366	10
anthracite	1743/10-04-81	2CKA001724A4365	10

¹⁾ Surface painted.

²⁾ Surface painted.

 $^{^{\}mbox{\tiny 2)}}\mbox{See}$ inserts for satellite coaxial socket outlets.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
E•E	•	vith slide entrance. 1810, 1812, 1814, 1816, 1818 eld: 60 x 9 mm.	, 1819 and
anthracite	1800-81	2CKA001710A3627	10
ivory white	1800-82	2CKA001710A3158	10
aluminium silver ²)	1800-83	2CKA001710A3676	10
studio white	1800-84-500	2CKA001710A3990	10/100
studio white, matt ²)	1800-884	2CKA001710A3887	10
black matt ²)	1800-885	2CKA001710A3910	10

 $^{^{1)}\}mbox{For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.}$ $^{2)}\mbox{Surface painted.}$



Cover plate modular jack,

For 1 modular jack.

Suitable for Art. Nos. 0210, 0211 and 0219-101.

Without claws.

Protection class (Device): IP 20

2561-81	2CKA001753A0400	10
2561-82	2CKA001753A0401	10
2561-83	2CKA001753A0402	10
2561-84	2CKA001753A0403	10
2561-884	2CKA001753A0405	10
2561-885	2CKA001753A0406	10
	2561-82 2561-83 2561-84 2561-884	2561-82 2CKA001753A0401 2561-83 2CKA001753A0402 2561-84 2CKA001753A0403 2561-884 2CKA001753A0405

¹⁾ Surface painted.



Cover plate modular jack,

For 2 modular jack inserts.

Suitable for Art. No. 0210 and 0211.

Without claws.

Protection class (Device): IP 20

black matt 1)	2561-02-885	2CKA001753A0397	10
studio white, matt ¹)	2561-02-884	2CKA001753A0396	10
studio white	2561-02-84	2CKA001753A0394	10
aluminium silver ¹)	2561-02-83	2CKA001753A0393	10
ivory white	2561-02-82	2CKA001753A0392	10
anthracite	2561-02-81	2CKA001753A0317	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate		
		tion inserts with cover pla	ate
	50 x 50 mm.	v EO mm AMD Brand Day	,
	Rutenbeck, BTR, Te	x 50 mm, AMP, Brand-Rex	ζ,
	Protection class (D	3 ,	
	`	·	
anthracite	1746/10-81	2CKA001710A3628	10
ivory white	1746/10-82	2CKA001710A3521	10
aluminium silver ¹)	1746/10-83	2CKA001710A3677	10
studio white	1746/10-84-500	2CKA001710A3993	10/100
studio white, matt ¹)	1746/10-884	2CKA001710A3875	10
black matt 1)	1746/10-885	2CKA001710A3897	10
¹) Surface painted.			'



Intermediate ring

Reflex SI/SI Linear

For fitting cover plates from the Busch-Duro 2000 $^{\circ}$ SI and Reflex SI range.

Protection class (Device): IP 20

ivory white	1747 SI-82	2CKA001710A3862	10
aluminium silver ¹)	1747 SI-83	2CKA001710A4091	10
studio white	1747 SI-84	2CKA001710A3863	10

¹⁾ Surface painted.



Intermediate ring Busch-balance® SI

For attaching cover plates from the Busch-balance® SI range

Delivery without cover plate.

Protection class (Device): IP 20

anthracite	1747 BSI-81	2CKA001710A4093	10
ivory white	1747 BSI-82	2CKA001710A4094	10
aluminium silver ¹)	1747 BSI-83	2CKA001710A4095	10
studio white	1747 BSI-84	2CKA001710A4096	10/100
studio white, matt ¹)	1747 BSI-884	2CKA001710A4098	10
black matt 1)	1747 BSI-885	2CKA001710A4099	10

¹⁾ Surface painted.



Cover plate

With hinged lid.

For telecommunication inserts with cover plate 50 x 50 mm.

With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.

Protection class (Device): IP 20

		,-	
anthracite	1746-81	2CKA001710A3618	10
ivory white	1746-82	2CKA001710A3149	10
aluminium silver ¹)	1746-83	2CKA001710A3678	10
studio white	1746-84	2CKA001710A3167	10
studio white, matt ¹)	1746-884	2CKA001710A3876	10
black matt 1)	1746-885	2CKA001710A3898	10

¹⁾ Surface painted.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Intermediate ring Busch-balance® SI For attaching cove range. Delivery without co With sealing ring. With hinged lid. Protection class (D	r plates from the Busch-ba	ılance® SI
anthracite	2518-WD-81	2CKA001719A0217	10
ivory white	2518-WD-82	2CKA001719A0218	10
aluminium silver ²)	2518-WD-83	2CKA001719A0219	10
studio white	2518-WD-84	2CKA001719A0220	10
studio white, matt ²)	2518-WD-884	2CKA001719A0222	10
black matt ²)	2518-WD-885	2CKA001719A0223	10

¹⁾ Combinable only with covers for flush-mounted inserts

²⁾ Surface painted.



XLR centre plate

As cover for Neutrik plug connectors, type D series. Without claws. Protection class (Device): IP 20

anthracite	2553-81	2CKA001724A4399	10
ivory white	2553-82	2CKA001724A4400	10
aluminium silver ¹)	2553-83	2CKA001724A4401	10
studio white	2553-84	2CKA001724A4402	10
studio white, matt ¹)	2553-884	2CKA001724A4404	10
black matt 1)	2553-885	2CKA001724A4405	10

¹⁾ Surface painted.



Cover plate with metal mounting plate

For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.

Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

2CKA001710A3654 anthracite 1748-81 10 ivory white 1748-82 2CKA001710A3655 10 aluminium 1748-83 2CKA001710A3673 10 silver 1) studio white 1748-84 2CKA001710A3656 10 studio white, 2CKA001710A3877 1748-884 10 matt 1) 1748-885 2CKA001710A3899 black matt 1) 10





Cover plate

with metal mounting plate
As cover for BNC and TNC sockets.

Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20

anthracite	1750-81	2CKA001710A3617	10
ivory white	1750-82	2CKA001710A3148	10
aluminium silver ¹)	1750-83	2CKA001710A3679	10
studio white	1750-84	2CKA001710A3166	10
studio white, matt ¹)	1750-884	2CKA001710A3879	10
black matt 1)	1750-885	2CKA001710A3901	10

¹⁾ Surface painted.



Equipotential socket outlet

2gang

Without claws.

For connecting wires up to 1 x 6 mm² and 4 x 2.5 mm². IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801. Protection class (Device): IP 20

anthracite	2095 UC-81	2CKA002495A0084	10
ivory white	2095 UC-82	2CKA002495A0085	10
aluminium silver ¹)	2095 UC-83	2CKA002495A0089	10
studio white	2095 UC-84	2CKA002495A0086	10
studio white, matt ¹)	2095 UC-884	2CKA002495A0091	10
black matt 1)	2095 UC-885	2CKA002495A0092	10

¹⁾ Surface painted.



Cover plate

with metal mounting plate With screw-type terminal.

Fixed with central locknut.

As cover for pilot devices with a diameter of 22.5 mm Without claws.

Protection class (Device): IP 20

anthracite	2533-81	2CKA001724A4254	10
ivory white	2533-82	2CKA001724A4255	10
yellow	2533-82-15	2CKA001724A4382	10
aluminium silver ¹)	2533-83	2CKA001724A4261	10
studio white	2533-84	2CKA001724A4256	10
studio white, matt ¹)	2533-884	2CKA001724A4296	10
black matt 1)	2533-885	2CKA001724A4301	10

¹⁾ Surface painted.

¹⁾ Surface painted.

Product

future® linear

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate 1) with metal mount for communicatio With labelling field Without claws. Protection class (on devices. d 60.2 x 10.2 mm.	
anthracite	1758-81	2CKA001724A4253	10
ivory white	1758-82	2CKA001724A2759	10
aluminium silver ²)	1758-83	2CKA001724A4263	10
studio white	1758-84	2CKA001724A2761	10/100
studio white, matt ²)	1758-884	2CKA001724A4307	10
black matt ²)	1758-885	2CKA001724A4299	10

FOI	companible lettering	i soi tware, visit	. www.buscn-JA	KEGER-labelling	tooi.com
2) Sur	face painted.				



Intermediate ring

For attaching cover plates with the dimensions of $55\,\mathrm{x}$

Protection class (Device): IP 20

ivory white	1747-82	2CKA001710A3860	10
aluminium silver ¹)	1747-83	2CKA001710A4090	10
studio white	1747-84	2CKA001710A3861	10

¹⁾ Surface painted.

Multimedia / communication adapters

Order-No.

Article-No.

Pack/Qty

	Busch-DigitalRadio ¹)	2) 3) 4) 5)				
	RDS stereo radio alarn	n clock for flush-mounte	d			
	installation.					
	Reception frequency:	87.50 MHz - 108.00 MHz.				
	With display and back	With display and background illumination.				
Wheel and	With external AUX inpu	ut.				
	For mono/stereo oper					
	8 radio stations storal	ole.				
	With time display.					
	With alarm function.					
	With automatic switch-off function (automatic sleep					
	mode).					
	With extension input to remote-controlled ON/OFF					
	switches.					
	With integrated anten	na.				
	With additional conne	ction for external antenr	na.			
	Permitted speaker imp	oedance: 4 - 8 Ohm				
	Can be installed as 1ga	ang and in multiple comb	oinations.			
	Rated voltage: 230 V~,	+10 % / -10 %				
	Rated frequency: 50 H	z - 60 Hz				
	Protection class (Devi	ce): IP 20				
	Temperature range (Device): 5 °C to 40 °C					
	Dimensions: (L x W x D): 71 mm x 71 mm x 49 m	nm			
	Mounting depth: 34 m	m				
	8215 U-500	2CKA008200A0182	1/10			

¹) No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Multimedia / communication adapters

Product Article-No. Order-No. Pack/Qty



Busch-Radio iNet 1) 2) 3) 4)

WLAN Internet radio alarm clock for flush-mounted installation.

For the reception of national and international radio stations via Internet.

Radio station search possible via various genres. With high resolution graphic display and background illumination.

With external AUX input.

Integrated web-server for configuration and control. Remote operation with smartphone via browser surface.

UPnP replay function. It is controlled via smartphone.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm function.

With short-time timer.

With automatic switch-off function (automatic sleep mode).

With extension input to remote-controlled ON/OFF switches.

With integrated WLAN antenna.

WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).

WLAN safety: WPA / WPA2.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

Mounting depth: 33 mm



8216 U-500

Product Article-No. Order-No. Pack/Qty



Busch-Radio BTconnect 1) 2) 3) 4)

RDS stereo radio alarm clock for flush-mounted installation.

With Bluetooth interface for music replay of mobile devices

Reception frequency: 87.50 MHz - 108.00 MHz.

With high resolution graphic display and background illumination.

With external AUX input.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm clock and snooze function.

With short-time timer.

With automatic switch-off function (automatic sleep

With extension input to remote-controlled ON/OFF switches.

With integrated antenna.

With additional connection for external antenna.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 2.1

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm

Mounting depth: 32 mm



8217 U-500

2CKA008200A0194

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).



Busch Bluetooth receiver 1) 2) 3) 4)

Bluetooth interface for music replay of mobile devices. With integrated amplifier.

With external AUX input.

For mono/stereo operation.

Can be combined with the MDRC amplifier 8208.

Admissible loudspeaker impedance: 4 - 16 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 4.0

Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8

Display elements: LED for status display.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm Mounting depth: 32 mm



8219 U

2CKA008200A0198

1/10

²CKA008200A0153 1/10

¹⁾ No claw. Screw-fixing via keyholes 2) Matching loudspeaker insert 8223 U

³⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁴⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 $\,$ > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty		
	Loudspeaker ins	ert 1)	,		
	5 cm (2")				
	For Busch-Digita	For Busch-DigitalRadio 8215 U/8216 U.			
	For Busch-Radio iNet 8216 U.				
	For Busch-Radio BTconnect 8217 U.				
	For Busch Bluetooth receiver 8219 U.				
	With broadband characteristics.				
	With flat plug connector.				
	Incl. speaker connection cable.				
	Rated output: 2 W (RMS)				
	Frequency response: 200 - 20,000 Hz				
	Impedance: 4 Ohm				
	•				
	Protection class (Device): IP 20, SELV				
	Mounting depth: 32 mm				
	8223 U-500	2CKA008200A0183	1/10		

¹⁾ No claw. Screw-fixing via keyholes.



Busch-powerDock Insert 1) 2) 3) 4)

For charging and supplying mobile terminal devices. With quick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal

Rated voltage: 100 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

6473 U-500 2CKA006400A0039

²⁾ The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick chargeTM 2.0 standard.

3) In rare cases the manufacturers of USB-C terminal devices support the quickcharging function independent of this standard only in case of charging devices $% \left(1\right) =\left(1\right) \left(1\right) \left$ that are the same as those of other manufacturers.

⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.



Busch-powerDock Charging cradle with Apple lightning

For Busch-powerDock insert 6473 U.

For attaching mobile terminal devices with lightning connection.

For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8.

For iPhone 7 Plus, iPhone 7.

For iPhone SE.

For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.

For iPhone 5s, iPhone 5c, iPhone 5.

For iPod touch (6th generation), iPod touch (5th

generation), iPod nano (7th generation).

Suitable for use with protective covers certified by

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

6473-500 1) Not released for use with the iPad. 2CKA006400A0081

1/10

1/10





Busch-powerDock Charging cradle with USB-C

For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection

Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

6473/11-500 2CKA006400A0083 1/10



USB charging station insert 1) 2) 3)

For supply and support of mobile devices via USB-cable.

With micro USB connecting cable.

Connecting cable joined captive to insert.

Usable cable length (incl. micro USB plug) approx.

With electronic short-circuit protection.

With electronic overload protection.

Rated voltage: 100 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm

Mounting depth: 32 mm

6474 U-500 2CKA006400A0033

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable.

With two USB type A outputs.

To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA

Suitable for: In case two output are used:

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

6472 U-500 2CKA006400A0002

¹⁾ No claw. Screw-fixing via keyholes.

¹⁾ No claw, Screw-fixing via keyholes,

²⁾No data transfer.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN

⁴⁾ Use dust cover 2098 when cleaning the device.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty		
	USB power adap	oter insert, flush-mount	ed ¹) ²) ³) ⁴)		
	For supply and s	support of mobile device	s via USB-cable.		
an in	With two USB type A outputs.				
	To support two	devices at the same time	e.		
A STATE OF	With electronic short-circuit protection.				
1	With electronic overload protection.				
	Rated voltage: 120 - 230 V~, +10 % / -10 %				
	Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz				
	Suitable for: In c	ase one output is used:			
	Rated current: 3 A				
	Suitable for: In case two output are used:				
	Rated current: 1.500 mA				
	Protection class (Device): IP 20, SELV				
	Temperature range (Device): 0 °C to 35 °C				
	Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm				
	Mounting depth	: 32 mm			
	Available from N	lovember 2019			

¹⁾ No claw. Screw-fixing via keyholes.

2CKA006400A0094

6472 U-500-101





HDMI connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.

HDMI-type A, 3D-compatible.

Fully HD ready (1920 x 1080 pixel).

For 20-wire HDMI-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or

9062-74 is recommended. Without cover plate.

Without claws.

Protection class (Device): IP 20 Mounting depth: 34 mm

white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1

 $^{^{\}mbox{\tiny{1}}}\mbox{Please}$ follow the recommendations of the cable and device producers for the max. HDMI cable lengths.



VGA connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link analogue video data between PCs and laptops to monitors or digital projectors etc.

VGA-type: D-type, 15-pole.

Fully HD ready (1920 x 1080 pixel).

For 15-wire VGA-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and

underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾Use dust cover 2098 when cleaning the device.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Suitable for telep 2539-21x and 1766 To link mobile de sticks or digital o USB-type A, USB - For 5-wire USB-c For trunk system underfloor syster For easy installati	terminals and strain rel hone connection unit co 5-xxx. vices like e.g. printer, sco ameras etc. 2.0 compatible. ables via srew-type tern s, flush-mounted wall bo ns. on and to follow the val electronic-wall-box" typ mended. te.	over plates anner, USB- ninals. oxes and id bending
white	0261/11-500	2CKA000230A04	18 1
grey	0261/13-500	2CKA000230A04	20 1
alpine white	0261/12-500	2CKA000230A04	.19 1

 $^{^{\}rm II}$ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.



Communication adapter for BNC-F Duct-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

	Protection class (Device): IF 20				
white	0262/11-500	2CKA000230A0436	1		
grey	0262/13-500	2CKA000230A0438	1		
alpine white	0262/12-500	2CKA000230A0437	1		



F duct-jack

for communication adapter

For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Protection class (Device): IP 20

metal clad **0262-500** 2CKA000230A0440 1



Communication adapter

for Cinch-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1





Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked white: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

alpine white **0263/04-500** 2CKA000230A0451 1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked black: audio, channel left.

With soldering tag.

Protection class (Device): IP 20

black **0263/05-500** 2CKA000230A0452 1



Cinch-jacks

for communication adapter

To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.

Audio-band 20Hz - 20kHz.

Marked red: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

Red **0263/06-500** 2CKA000230A0453 1



Cinch-jacks

for communication adapter

For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.

Marked yellow: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

yellow **0263/07-500** 2CKA000230A0454 1



Communication adapter

for Mini-jacks 3,5mm.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

alpine white	0264/12-500	2CKA000230A0459	1
grey	0264/13-500	2CKA000230A0460	1
white	0264/11-500	2CKA000230A0458	1



Mini-jack 3,5 mm

for communication adapter

For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag.

Protection class (Device): IP 20

chrome gloss	0264-500	2CKA000230A0462	1	

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	•	ed by color.	rminals on
white	0248/02-101	2CKA000230A0402	10/100



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw

Protection class (Device): IP 20

alpine white **0248/04-101-500** 2CKA000230A0464 10/100

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

anthracite	0248/05-101	2CKA000230A0404	10/100	

 $^{^{\}mbox{\tiny 1)}}\mbox{Suitable}$ for cover telephone unit $\,$ 1766-xxx and 2539-21x.



Cover plate

For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U.

anthracite	8252-81	2CKA008200A0050	10
ivory white	8252-82	2CKA008200A0051	10
aluminium silver ¹)	8252-83	2CKA008200A0052	10
studio white	8252-84	2CKA008200A0053	10
studio white, matt ¹)	8252-884	2CKA008200A0122	10
black matt 1)	8252-885	2CKA008200A0125	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty



Cover plate

For loudspeaker insert 8223 U.

anthracite	8253-81	2CKA008200A0078	1/10
ivory white	8253-82	2CKA008200A0079	1/10
aluminium silver ¹)	8253-83	2CKA008200A0080	1/10
studio white	8253-84	2CKA008200A0081	1/10
studio white, matt ¹)	8253-884	2CKA008200A0123	1/10
black matt 1)	8253-885	2CKA008200A0126	1/10

¹⁾ Surface painted.



Cover plate

For telephone connection unit.

For USB, VGA, HDMI inserts and communication

adapter.

USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101.

For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from

Telegärtner (type MJ and WE). Protection class (Device): IP 20

anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
aluminium silver ¹)	1766-83	2CKA001710A3659	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
studio white, matt ¹)	1766-884	2CKA001710A3926	10
black matt 1)	1766-885	2CKA001710A3903	10

¹⁾ Surface painted.



Cover plate

with metal mounting plate

With fixing claws.

 $loud speaker\ inserts\ and\ cover.$

With screw-type terminals. Conductor cross-sections up to 4 mm² rigid.

Protection class (Device): IP 20

anthracite	1751-81	2CKA001723A0253	10
ivory white	1751-82	2CKA001723A0239	10
aluminium silver ¹)	1751-83	2CKA001723A0254	10
studio white	1751-84	2CKA001723A0240	10/100
studio white, matt ¹)	1751-884	2CKA001723A0260	10
black matt 1)	1751-885	2CKA001723A0259	10

¹⁾ Surface painted.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate with rotary contro As a cover for volu Suitable for the "LI Protection class (D	me controllers. R 15 mono BJ UP" devices o	of WHD.
anthracite	1740 DR/03-81	2CKA001710A4120	10
ivory white	1740 DR/03-82	2CKA001710A3807	10
aluminium silver ¹)	1740 DR/03-83	2CKA001710A3811	10
studio white	1740 DR/03-84	2CKA001710A3808	10
studio white, matt ¹)	1740 DR/03-884	2CKA001710A3870	10
black matt 1)	1740 DR/03-885	2CKA001710A3892	10

ტ - +	Cover plate For Busch Bluetooth	receiver 8219 U.	
anthracite	8255-81	2CKA008200A0211	1
ivory white	8255-82	2CKA008200A0212	1
aluminium silver ¹)	8255-83	2CKA008200A0213	1
studio white	8255-84	2CKA008200A0214	1/10
studio white, matt ¹)	8255-884	2CKA008200A0217	1

2CKA008200A0218

8255-885

	Cover plate for Busch-powerDock For Busch-powerDock charging cradle.		
anthracite	6477-81	2CKA006400A0056	10
ivory white	6477-82	2CKA006400A0057	10
aluminium silver ¹)	6477-83	2CKA006400A0058	10
studio white	6477-84	2CKA006400A0059	10/100
studio white matt 1)	6477-884	2CKA006400A0062	10
black matt 1)	6477-885	2CKA006400A0063	10

 $^{^{\}scriptscriptstyle 1)}$ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
D)	mobile telephone	unction against lateral slipp	
	With frontal mounting option of connecting cable.		
anthracite	6478-81	2CKA006400A0012	1
ivory white	6478-82	2CKA006400A0014	1
aluminium silver ¹)	6478-83	2CKA006400A0016	1
studio white	6478-84	2CKA006400A0018	1
studio white, matt ¹)	6478-884	2CKA006400A0026	1
black matt ¹)	6478-885	2CKA006400A0028	1

¹⁾ Surface painted.

black matt 1)

1) Surface painted.

Product

Room thermostats

Article-No

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹) ²) ³) Switch contact opens when the set temperature is reached. With fixing claws. Separate terminal to activate nighttime mode and reduction of room temperature by 4K. Class of temperature controller 1 Contribution to space heating energy efficiency 1 Rated voltage: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 6073 British Standard EN 60669-2-1		
	1094 U-500	2CKA001032A0512	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination	on with adapter plate only.	
		sh-mounting boxes according to	

Order-No

³⁾ Switching temperature difference: ± 0.5 K.



combinations:

Room thermostat, flush-mounted 1) 2) 3) Slide switch

With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~

Rated current: 10 A

2gang product 2gang combination with adapter plate

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

	1095 U-500	2CKA001032A0514	1/10	
Mounting	35 mm deep flush 1gang			
boxes:	or Dual Box 3070-	-2/35 BSDB.		

APBS in Dual Box only 1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product Article-No.	Order-No.	Pack/Qty
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Pack/Oty

Room thermostat, flush-mounted 1) 2) 3) Sliding switch, 24 V

With built-in slide switch and control lamp for nightly reduction of 4 K. Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~ Rated current: 1 A

ae (Device), 5 °C to 30 °CEN 60730-2-9

	British Standard EN 60669-2-1		
	1096 U	2CKA001032A0485	1
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) 1gang 2way

With fixing claws. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~

Rated current: 5 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

	British Standard EN 60669-2-1		
	1097 U-500	2CKA001032A0513	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Actual value indication

With actual value temperature display.

Automatic controller calibration.

Switch contact opens when the set temperature is reached. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

2CKA001032A0487

British Standard EN 60669-2-1

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073,

1094 UTA

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

 $^{^{2)}}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

 $^{^{\}rm 2)}$ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.

²⁾Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}mbox{\tiny 2)}}\mbox{Servo-valves,}$ "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

Room thermostats

Product Article-No. Order-No. Pack/Qty Product Article-No. Order-No. Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication With actual value temperature display Automatic controller calibration Switch contact opens when the set temperature is day of the week. With built-in slide switch and control lamp for nightly With fixing claws. reduction of 4 K. With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K. Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1095 UTA 2CKA001032A0488

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication, 24 V

With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~

Rated current: 1 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1096 UTA 2CKA001032A0489 1/10

Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Change-over contact, actual value indication

With actual value temperature display Automatic controller calibration

With fixing claws.

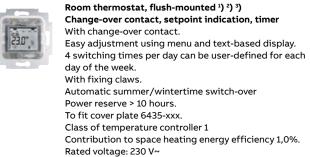
Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 5 AEN 60730-2-9, British Standard EN 60669-2-1

1097 UTA 2CKA001032A0490



Pack/Qty

1/10

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) Remote sensor

With remote sensor and thermal feedback

For underfloor heating.

Rated current: 10 A

1098 U-101

With built-in slide switch and control lamp for nightly reduction of 4 K

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9

2CKA001032A0508

Switch contact opens when the set temperature is reached.

With fixing claws.

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Adjusting range: +10 to +50° C.

Connecting cable: 1mm2 to 2.5 mm2

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 16 A, cos φ 1EN 60730-2-9, British

Standard EN 60669-2-1

1095 UF 2CKA001032A0497

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g., Art. No. 6164/10.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101

³⁾ Switching temperature difference: ± 0.5 K.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty	
230,	Room thermostat, flush-mounted ¹) ²) Change-over contact, setpoint indication, timer, remote sensor With change-over contact. Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week. With fixing claws. Automatic summer/wintertime switch-over Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. Power reserve > 10 hours To fit cover plate 6435-xxx. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Rated current: 16 A			
	1098 UF-101	2CKA001032A050	9 1/10	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{\}rm 2)}$ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling

With separate connection (230 V~) for external switchover between heating or cooling.

Switch contact opens when the set temperature is reached. $\footnote{\cite{NNS}}$

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, Pritish Standard EN 60669-2-1

2CKA001032A0515

1/10

British Standard EN 60669-2-1

1) Only in conjunction with standard flush-mounting	ng boxes according to DIN 49073.

Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
²⁾ Servo-valves, "closed when de-energized", are necessary for connection to

thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

1099 UHK



Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch

With built-in sliding switch for switchover between cooling or heating.

Switch contact opens when the set temperature is reached.

With fixing claws.

Nominal current: 10 A heating Nominal current: 5 A cooling Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

British Standard EN 60669-2-1

1099 UHKEA	2CKA001032A0516	1/10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product	Article-No.	Order-No.	Pack/Qty



Cover plate for room thermostat

For room thermostats 1094 U, 1097 U.

anthracite	1794-81	2CKA001710A3629	10
ivory white	1794-82	2CKA001710A3543	10
aluminium silver ¹)	1794-83	2CKA001710A3668	10
studio white	1794-84	2CKA001710A3544	10
studio white, matt ¹)	1794-884	2CKA001710A3884	10
black matt 1)	1794-885	2CKA001710A3907	10
	· · · · · · · · · · · · · · · · · · ·	·	

¹⁾ Surface painted.



Cover plate

With sliding switch for nightly room temperature reduction.

to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.

anthracite	1795-81	2CKA001710A3630	10
ivory white	1795-82	2CKA001710A3568	10
aluminium silver ¹)	1795-83	2CKA001710A3669	10
studio white	1795-84	2CKA001710A3569	10
studio white, matt ¹)	1795-884	2CKA001710A3886	10
black matt 1)	1795-885	2CKA001710A3909	10

¹⁾ Surface painted.



Cover plate

for room thermostat
For room thermostats 1094 UTA, 1097 UTA.

anthracite	1794 TA-81	2CKA001710A3695	10
ivory white	1794 TA-82	2CKA001710A3696	10
aluminium silver ¹)	1794 TA-83	2CKA001710A3697	10
studio white	1794 TA-84	2CKA001710A3698	10
studio white, matt ¹)	1794 TA-884	2CKA001710A3883	10
black matt 1)	1794 TA-885	2CKA001710A3906	10

¹⁾ Surface painted.

²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

 $^{^{3)}}$ Switching temperature difference: $\pm~0.5~\text{K}.$

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
2 2 6	Cover plate for room thermos With sliding switch reduction.	tat h for nightly room tempera	ture
	For room thermos	tats 1095 UTA, 1096 UTA.	
anthracite	1795 TA-81	2CKA001710A3722	10
ivory white	1795 TA-82	2CKA001710A3723	10
aluminium silver ¹)	1795 TA-83	2CKA001710A3724	10
studio white	1795 TA-84	2CKA001710A3725	10
studio white, matt ¹)	1795 TA-884	2CKA001710A3885	10
	1795 TA-885	2CKA001710A3908	10

ОК	Cover plate For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500.			
anthracite	6435-81	2CKA006430A0303	10	
ivory white	6435-82	2CKA006430A0304	10	
aluminium silver ¹)	6435-83	2CKA006430A0305	10	
studio white	6435-84	2CKA006430A0306	10	
studio white, matt ¹)	6435-884	2CKA006430A0388	10	
black matt 1)	6435-885	2CKA006430A0389	10	

¹⁾ Surface painted.



Cover plate for room thermostat

For room temperature controller 1099 UHK.

anthracite	1795 HK-81	2CKA001710A4013	10
ivory white	1795 HK-82	2CKA001710A4015	10
aluminium silver ¹)	1795 HK-83	2CKA001710A4016	10
studio white	1795 HK-84	2CKA001710A4017	10
studio white, matt ¹)	1795 HK-884	2CKA001710A4019	10
black matt 1)	1795 HK-885	2CKA001710A4020	10

 $^{^{\}scriptscriptstyle 1)}$ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty	
* 1 * * * * * * * * * * * * * * * * * *		at ure controller 1099 UHKEA for switchover between co		
anthracite	1795 HKEA-81	2CKA001710A4045	10	
ivory white	1795 HKEA-82	2CKA001710A4047	10	
aluminium silver ¹)	1795 HKEA-83	2CKA001710A4048	10	
studio white	1795 HKEA-84	2CKA001710A4049	10	
studio white, matt ¹)	1795 HKEA-884	2CKA001710A4051	10	
black matt 1)	1795 HKEA-885	2CKA001710A4052	10	

¹⁾ Surface painted.

LED light

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	2068/xx. High brightness, Colour temperatu Not dimmable. Light intensity ca using front servic System power co Rated voltage: 23	e.g. for the display of in ure: 2,700 K (warm white an be switched between the switch. Insumption: 5 W 10 V~, + 10% / - 10% otion of LED: 350 mA (se	formation. e) 100% and 25%		2068/xx. For low brightnes Colour temperatu Not dimmable. System power col Rated voltage: 23 Current consump Secondary: SELV Rated frequency: Protection class (white It wall and ceiling modules (night light). Ire 6,500 K (cold white) Insumption: 0.15 W Insumption: 0.1	condary)

¹⁾ Use relay inserts when switching through movement sensors or comfort switches. ²⁾ For switching the LED flush mounted insert use switches without orientation light only.



Flush-mounted LED insert 1) 2) Power module neutral white

0715-5 of Jan. 2009

2067/11 U

For Busch-iceLight wall and ceiling module Type 2068/xx.

High brightness, e.g. for the display of information. Colour temperature: 4.000 K (neutral white)

Not dimmable.

Light intensity can be switched between 100% and 25% using front service switch.

Temperature range (Device): 0 °C to 40 °CEN 62031/VDE

2CKA001510A0001

System power consumption: 5 W Rated voltage: 230 V~, + 10% / - 10%

Current consumption of LED: 350 mA (secondary)

Secondary: SELV

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 40 °CEN 62031/VDE

0715-5 of Jan. 2009

2067/12 U	2CKA001510A0002	1/10
1) Use relay inserts when switching throug	h movement sensors or comfo	ort switches.

²⁾ For switching the LED flush mounted insert use switches without orientation light



Flush-mounted LED insert 1) 2)

Night light warm white

For Busch-iceLight wall and ceiling module Type 2068/xx.

For low brightness (night light).

Colour temperature: 3,000 K (warm white)

Not dimmable.

System power consumption: 0.15 W

Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 40 mA (secondary)

Secondary: SELV

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 40 °CEN 62031/VDE

0715-5 of Jan. 2009

2CKA001510A0012



only.

Info light unit 1) 2)

2067/14 U

Size of information field 43 x 43 mm. Long service life of the lighting element (LEDs).

Homogeneous backlighting of the information field.

2CKA001510A0013

1/10

Colour temperature 6,500 K (cold white)

 $^{\mbox{\tiny 1)}}$ Use relay inserts when switching through movement sensors or comfort switches.

2) For switching the LED flush mounted insert use switches without orientation light

Power consumption: < 0.5 W Rated voltage: 230 V~ Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

2062 U 2CKA001511A0115

¹⁾Use relay inserts when switching through movement sensors or comfort switches. 2) For switching the LED flush mounted insert use switches without orientation light



Cover plate 1) 2)

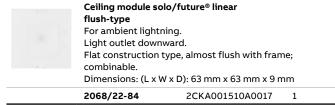
As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm.

Protection class (Device): IP 20

anthracite	1716-81	2CKA001731A1921	1
ivory white	1716-82	2CKA001731A1922	1
aluminium silver ³)	1716-83	2CKA001731A1950	1
studio white	1716-84	2CKA001731A1923	1
studio white, matt ³)	1716-884	2CKA001731A1978	1
black matt 3)	1716-885	2CKA001731A1980	1

 $^{^{1)}}$ Included with the cover are 46 different text labels and symbols

3) Surface painted.



¹⁾ Use relay inserts when switching through movement sensors or comfort switches. 2) For switching the LED flush mounted insert use switches without orientation light only.

 $^{^{2)}} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$

LED light

Product	Article-No.	Order-No.	Pack/Qty
0	Cover plate for indication lan For insert 2061/2 As cover for flush Protection class (661 U. -mounted light signal.	
anthracite	1756-81	2CKA001753A0089	10
ivory white	1756-82	2CKA001753A0090	10
aluminium silver ¹)	1756-83	2CKA001753A0091	10
studio white	1756-84	2CKA001753A0092	10
studio white, matt ¹)	1756-884	2CKA001753A0251	10
black matt 1)	1756-885	2CKA001753A0252	10



for indication lamp For indication lamps. Protection class (Device): IP 20

clear-transpar- ent	1565-11	2CKA001565A0167	10	
Red	1565-12	2CKA001565A0175	10	
green	1565-13	2CKA001565A0183	10	

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	1-channel 1gang wall-mount power supply. Wif For switching and light scenes. 1 rac light scenes can be For flush-mounte 6703, 6704 and 67 For LED display We Compatible with Send frequency: 8 Free-field range: 6 Power supply: lith Battery service lif practically mainte Automatic monits Including fixing p on switch boxes. Control elements: Display elements: Display elements: Rated voltage: 3 V Protection class (Temperature range)	Id WaveLINE actuators 6701- 705-101. VaveLINE 6730-xxx. WaveLINE KNX gateway TP-F 368 MHz. approx. 100 m. hium button cell battery Type fe: typically 5 years, therefore enance-free. oring of battery life. late for mounting on smoot rocker switch left/right : LED to indicate the transmin.	g strip. linds and or up to 2 101, 6702, RF 6770. e CR2032. e h walls or
ivory white	6731-82-500	2CKA006730A0032	1/10
aluminium silver ³)	6731-83-500	2CKA006730A0035	1/10

¹⁾ Battery included in delivery.

³⁾ Surface painted.



Wall-mounted transmitter WaveLINE 1) 2)

2gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 2 radio channels can be operated or up to 4 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

For LED display WaveLINE 6730-xxx.

Compatible with WaveLINE KNX gateway TP-RF 6770. Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

ivory white	6732-82-500	2CKA006730A0033	1/10
aluminium silver ³)	6732-83-500	2CKA006730A0036	1/10
studio white	6732-84-500	2CKA006730A0039	1/10

¹⁾ Battery included in delivery.

 $^{^{\}rm 2)} For compatible \, lettering \, software, \, visit \, www. {\tt BUSCH-JAEGER-labeling} tool.com.$

 $^{^{2)}} For compatible lettering software, visit www. BUSCH-JAEGER-labeling tool.com. \\$

 $^{^{\}scriptscriptstyle 3)}$ Surface painted.

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
-	Wall-mounted tra	ansmitter WaveLINE 1) 2)	
-	4gang wall-mour power supply. With labelling fie For switching and		nt of mains
	•	linds and light scenes. can be operated or up to 8 l	ight scenes
	For flush-mounte 6703, 6704 and 6	ed WaveLINE actuators 6701 705-101.	-101, 6702,
			RF 6770.
	Power supply: litl	hium button cell battery Typ fe: typically 5 years, therefor	
	Including fixing pon switch boxes.		th walls or
	Display elements Rated voltage: 3		ission
	•	(Device): IP 20 ge (Device): -5 °C to 45 °C W x D): 63 mm x 63 mm x 16	mm
ivory white	6733-82-500	2CKA006730A0034	1/10
aluminium silver ³)	6733-83-500	2CKA006730A0037	1/10
studio white	6733-84-500	2CKA006730A0040	1/10

Product	Article-No.	Order-No.	Pack/Qty		
	WaveLINE LED di	• • •			
I Subscience		y of window handle positi	ons: open =		
* Arteitszimmer		en, tilted = yellow.	. ,		
Schlafzimmer Kellerfenster	Direct onsite operation possible for switching /				
	dimming an electrical device depending on the flush-				
	mounted insert.				
	4 individual LED display channels. Up to 8 WaveLine transmitters can be taught-in on each				
	LED display chan	_	int-iii Oii eacii		
		transmitters can be taug	ht-in on		
	onsite operation.	_			
	•	all LED-Display channels	liaht in red		
	•	m repeat of the WaveLINE	•		
	position sensor 6720-xxx sensor automatically updates				
	the window open state.				
	Status display for depleted WaveLINE transmitter				
	battery.				
	Status display for faulty transmission link and defective				
	WaveLINE transmitter.				
	User-friendly start-up without PC / software.				
	Printed labelling sheet with 8 different inlay sheets.				
	For WaveLINE window position sensor 6720-6x.				
	For WaveLINE 6721-xx universal signalling unit.				
	For Busch-Watchdog 220 WaveLINE 6747 AGM.				
	For Busch-Universal relay switch insert 6404 U.				
	For universal dimmer switch insert 6595 U.				
	Free-field range: approx. 100 m.				
	Send/receive frequency: 868 MHz.				
	Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C				
	Dimensions: (L x W x D): 63 mm x 63 mm				
anthracite	6730-81	2CKA006730A0014	4 1		
ivory white	6730-82	2CKA006730A001			
aluminium	6730-83	2CKA006730A0016	5 1		
silver ²)		201100572210101			
studio white	6730-84	2CKA006730A0017			
studio white, matt ²)	6730-884	2CKA006730A0020	5 1		

 $^{^{\}rm D}\textsc{For}$ compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com. $^{\rm 2}$ Surface painted.

³⁾ Battery included in delivery. ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Surface painted.

Busch-Infoline®

Product	Article-No.	Order-No.	Pack/Qty	
	, .	,		
	Cover plate 1) 2)			
	1gang, with label	ling field		
	With operating knob.			
	For signal/cancel push-button 1520/1 UK.			
	For monitoring unit 1511 U.			
	For Busch-Leakage guard insert 1531 U.			
	With labelling field 61 x 20 mm.			
	Protection class (Device): IP 20			
		Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
studio white	1571 CN-84	2CKA001582A0346	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.



²⁾ Can also be used for Busch-axcent®, solo®, and carat®.



studio white

Cover plate 1) 2)

with red and neutral light panel and labelling field

For Alarm Control Unit insert 1515 U-12. For Busch-Alarm signal insert 1563 U-12. For indication lamp insert 1564 U-1x. With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm 2CKA001582A0350 1573 CN-84

Cover plate 1) 2)

6gang, illuminable, with labelling field

For signal panel insert 1566 U. With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

studio white	1575 CN-84	2CKA001582A0353	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

	Cover plate 1) 2) with labelling fie	ld		
	For power supply insert 1518 U.			
	For relay insert 1539 U. For signal generator insert 1561 U			
	With labelling fiel	d 61 x 61 mm.		
	Protection class (Device): IP 20		
	Dimensions: (L x	W x D): 63.5 mm x 63.5 mm x	11.1 mm	
studio white	1576 CN-84	2CKA001582A0355	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Accessories

Product	Article-No.	Order-No.	Pack/Qty
The state of the s		on of flush-mounted SC switches, push-buttons bunted boxes.	

¹⁾ Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.



Braille symbol

2148

self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20

2CKA002148A0120

100

light		
2144 LI	2CKA001714A0295	10/1000
bell		
2144 KI	2CKA001714A0296	10/1000
key		
2144 TR	2CKA001714A0297	10/1000



Braille symbol socket outlet

self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx

Protection class (Device): IP 20

	2144 ST	2CKA001714A0298	10/1000
	For laser printe	to be labeled Busch-Jaeger dever. foil is printed via the Busch-Je	
translucent	1799/02	2CKA001799A0959	1
transparent	1799/03	2CKA001799A0960	1

^{1) 1} piece = 1 sheet.



RC suppressor

For protection against the damage or destruction of electronic devices due to overvoltages.

For wiring network-interconnected inductivities (e.g.. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.

Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz

6899 2CKA006899A0231 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

Accessories

Product	Article-No.	Order-No.	Pack/Qty



Surface-mounting box

Box for inserts and cover plates with cover frame. Protection class (Device): IP 20

	1gang box		
anthracite	1701-81	2CKA001799A0895	10
ivory white	1701-82	2CKA001799A0896	10
aluminium silver ¹)	1701-83	2CKA001799A0905	10
studio white	1701-84-500	2CKA001799A0982	10/100
studio white, matt ¹)	1701-884	2CKA001799A0921	10
black matt 1)	1701-885	2CKA001799A0923	10
	2gang box		
anthracite	1702-81	2CKA001799A0900	10
ivory white	1702-82	2CKA001799A0901	10
aluminium silver ¹)	1702-83	2CKA001799A0906	10
studio white	1702-84	2CKA001799A0902	10
studio white, matt ¹)	1702-884	2CKA001799A0922	10
black matt 1)	1702-885	2CKA001799A0924	10
	3gang box		
anthracite	1703-81	2CKA001799A0915	1
ivory white	1703-82	2CKA001799A0916	1
aluminium silver ¹)	1703-83	2CKA001799A0917	1
studio white	1703-84	2CKA001799A0918	1
studio white, matt ¹)	1703-884	2CKA001799A0955	1
black matt ¹)	1703-885	2CKA001799A0956	1

¹) Surface painted.



Cable entry for SM box

Suitable for 1701-8x and 1702-8x.

Trunking dimension: 15×15 mm to 19×19 mm. Protection class (Device): IP 20

anthracite	2087-81	2CKA001761A1493	10
ivory white	2087-82	2CKA001761A1494	10
aluminium silver ¹)	2087-83	2CKA001761A1504	10
studio white	2087-84	2CKA001761A1495	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty



Cable entry for SM box

Suitable for 1701-8x and 1702-8x. Protection class (Device): IP 20

anthracite	2088-81	2CKA001761A1498	10
ivory white	2088-82	2CKA001761A1499	10
aluminium silver ¹)	2088-83	2CKA001761A1505	10
studio white	2088-84	2CKA001761A1500	10

¹⁾ Surface painted.

1) Surface painted.

future® linear

Cover frames

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	future® linear Cove 1gang frame With small corner ra Protection class (Da	adii for trunking systems.			future® linear Cover 4gang frame With small corner ra Protection class (De	dii for trunking systems.	
anthracite	1721-181K	2CKA001754A4240	10	anthracite	1724-181K	2CKA001754A4243	10
ivory white	1721-182K-500	2CKA001754A4506	10/100	ivory white	1724-182K	2CKA001754A4233	10
studio white	1721-184K-500	2CKA001754A4498	10/100	aluminium	1724-183K	2CKA001754A4309	10
aluminium silver ¹)	1721-183K-500	2CKA001754A4529	10/100	silver ¹) studio white	1724-184K	2CKA001754A4238	10
studio white, matt ¹)	1721-884K-500	2CKA001754A4531	10/100	studio white, matt ¹)	1724-884K	2CKA001754A4417	10
black matt ¹)	1721-885K-500	2CKA001754A4532	10/100	black matt 1)	1724-885K	2CKA001754A4422	10
¹) Surface painted.				1) Surface painted.			
	future® linear Cove 2gang frame With small corner ra Protection class (De	adii for trunking systems.			future® linear Cover 5gang frame With small corner ra Protection class (De	dii for trunking systems.	
anthracite	1722-181K	2CKA001754A4241	10	anthracite	1725-181K	2CKA001754A4244	1
ivory white	1722-182K	2CKA001754A4231	10	ivory white	1725-182K	2CKA001754A4234	1
aluminium silver ¹)	1722-183K-500	2CKA001754A4530	10/100	aluminium silver ¹)	1725-183K	2CKA001754A4310	1
studio white	1722-184K-500	2CKA001754A4499	10/100	studio white	1725-184K-500	2CKA001754A4517	1
studio white, matt ¹)	1722-884K	2CKA001754A4415	10	studio white, matt ¹)	1725-884K	2CKA001754A4418	1
black matt	1722-885K-500	2CKA001754A4534	10/100	black matt 1)	1725-885K	2CKA001754A4423	1
¹⁾ Surface painted.				1) Surface painted.			
	future® linear Cove 3gang frame With small corner ra Protection class (De	adii for trunking systems.			future® linear Cover frame 1gang frame With small corner radii for trunking systems. Protection class (Device): IP 20		
anthracite	1723-181K	2CKA001754A4242	10	red RAL 3020	1721-12-182K-101	2CKA001754A4713	10
ivory white	1723-182K	2CKA001754A4232	10				
aluminium silver ¹)	1723-183K-500	2CKA001754A4533	10/100		future® linear Cover 2gang frame	frame	
studio white	1723-184K-500	2CKA001754A4502	10/100			dii for trunking systems.	
studio white, matt ¹)	1723-884K	2CKA001754A4416	10		Protection class (De	vice): IP 20	
black matt 1)	1723-885K	2CKA001754A4421	10/100		4700 40 400K 404	201/10017511177	10
¹⁾ Surface painted.				red RAL 3020	1722-12-182K-101	2CKA001754A4714	10

With labelling field and label holder. With small corner radii for trunking systems.

future® linear Cover frame ¹)

Protection class (Device): IP 20

1gang frame

studio white 1721-184 NSK-500 2CKA001754A4527 10/100 ¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Cover frames

Product	Article-No.	Order-No.	Pack/Qty		
	future® linear Cover frame ¹)				
	3gang frame With labelling field and label holder.				
	With small corner radii for trunking systems.				
-	Vertical.				
	Protection class (D	evice): IP 20			
studio white	1723-184 NSK	2CKA001754A4366	10		
¹⁾ For compatible le	ettering software, visit	www.BUSCH-JAEGER-labeling	gtool.com.		
	future® linear Cove	er frame ¹)			
-	4gang frame				
	With labelling field				
		adii for trunking systems.			
	Vertical. Protection class (D	evice): IP 20			
		·			
studio white	1724-184 NSK	2CKA001754A4367	1		
For compatible le	ettering software, visit	www.BUSCH-JAEGER-labeling	gtool.com.		
	future® linear Cove	er frame ¹)			
	2gang frame				
	With labelling field and label holder. With small corner radii for trunking systems.				
	Horizontal	adii idi dulikilig systems.			
	Protection class (D	evice): IP 20			
studio white	1732-184 NSK	2CKA001754A4368	10/100		
¹) For compatible le	ettering software, visit	www.BUSCH-JAEGER-labeling	gtool.com.		
	future® linear Cove	er frame ¹)			
	3gang frame	·			
	With labelling field				
	With small corner radii for trunking systems.				
	Horizontal Protection class (D	ovica). ID 20			
		·			
studio white	1733-184 NSK	2CKA001754A4369	10		
¹⁾ For compatible le	ettering software, visit	www.BUSCH-JAEGER-labeling	gtool.com.		
	future® linear Cove	er frame ¹)			
	4gang frame	and label holder			
	With labelling field With small corner r	and label holder. adii for trunking systems.			
	Horizontal	aa for training systems.			
	Protection class (D	evice): IP 20			
studio white	1734-184 NSK	2CKA001754A4370	1		

 $[\]hbox{$^{1)}$ For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.}$

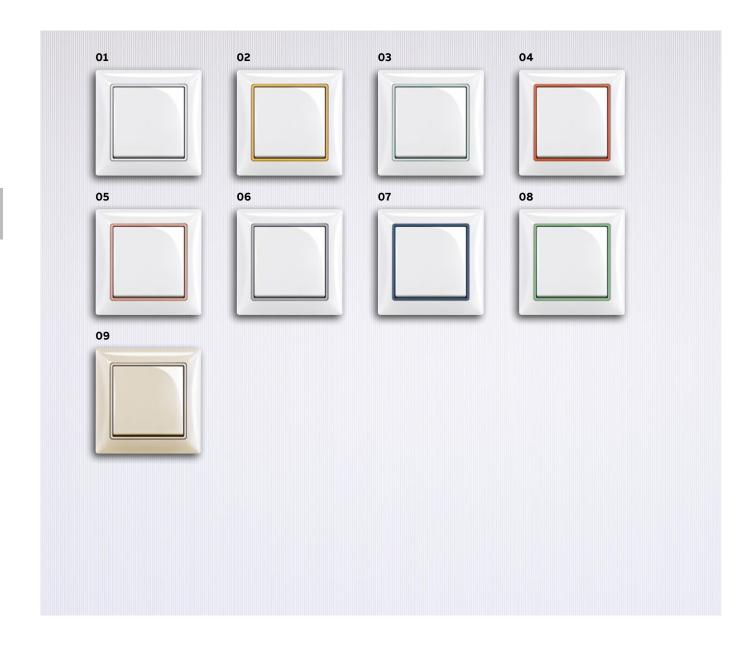
future®

Cover frames

Product	Article-No.	Order-No.	Pack/Qt
	Cover frame ¹) 1gang frame With rounded edg Protection class (I		
ivory white	1721-182	2CKA001754A4168	10/100
studio white	1721-184-500	2CKA001754A4504	10/100
¹⁾ Suitable for inst	allation in trunking sys	tems with 80 mm conduit.	
	Cover frame 2gang frame For vertical or hor With rounded edg Protection class (I		
ivory white	1722-182	2CKA001754A4169	10/100
studio white	1722-184-500	2CKA001754A4508	10/100
	Protection class (I	Device): IP 20	
ivory white	1723-182	2CKA001754A4170	10/100
	1723-182 1723-184	2CKA001754A4170 2CKA001754A4175	10/100
studio white	Cover frame 4gang frame For vertical or hor With rounded edg Protection class (I	izontal installation. les and corners. Device): IP 20	10/100
studio white	Cover frame 4gang frame For vertical or hor With rounded edg Protection class (I	2CKA001754A4175 izontal installation. les and corners. Device): IP 20 2CKA001754A4171	10/100
ivory white studio white ivory white studio white	Cover frame 4gang frame For vertical or hor With rounded edg Protection class (I	izontal installation. les and corners. Device): IP 20	10/100
studio white	Cover frame 4gang frame For vertical or hor With rounded edg Protection class (I 1724-182 1724-184 Cover frame 5gang frame	izontal installation. Device): IP 20 2CKA001754A4171 2CKA001754A4176 izontal installation. Just and corners.	10/100
studio white	Cover frame 4gang frame For vertical or hor With rounded edg Protection class (I 1724-182 1724-184 Cover frame 5gang frame For vertical or hor With rounded edg	izontal installation. Device): IP 20 2CKA001754A4171 2CKA001754A4176 izontal installation. Just and corners.	10/100

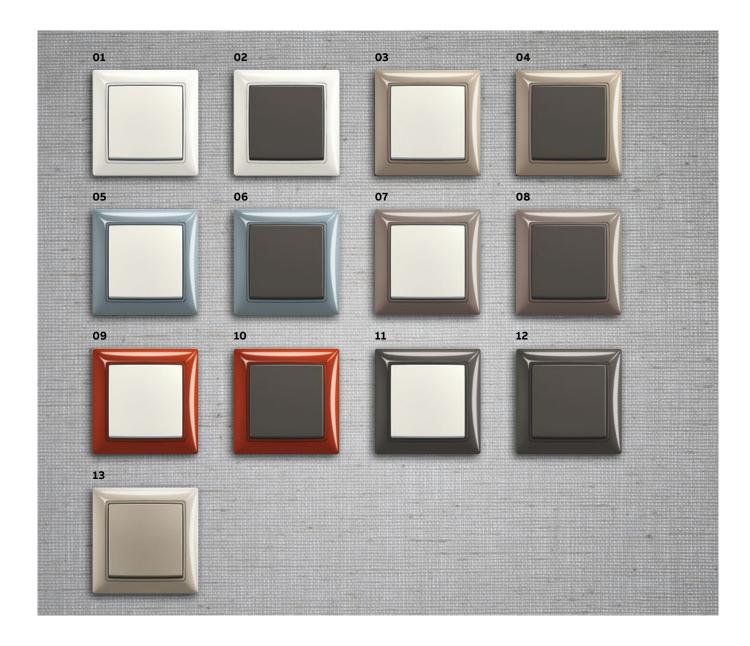
One concept, numerous possibilities.

Square but still round, white but colourful. A smart concept which inspires the imagination and acknowledges the desire for individual styling. Elements formed into a creative solution. White rockers and frames fine-tuned with discreet colour rings. The concept which makes its own style.



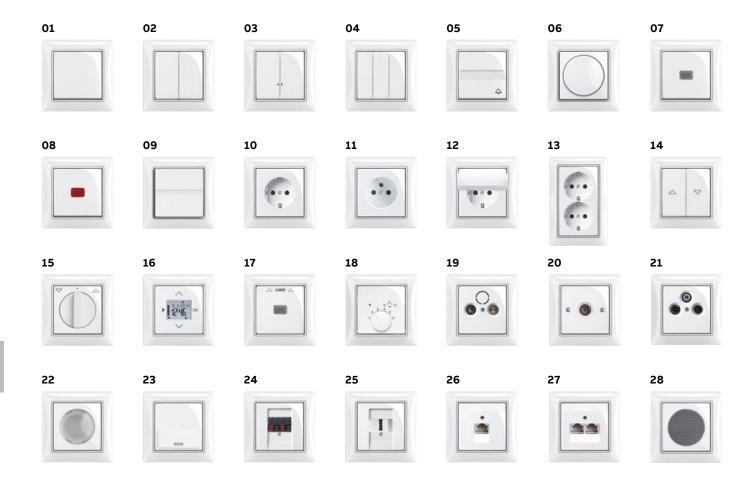
- 01 alpine white / alpine white
- 02 alpine white / yellow
- 03 alpine white / luminous
- 04 alpine white / orange
- 05 alpine white / apricot
- 06 alpine white / silver
- 07 alpine white / blue
- 08 alpine white / light green
- 09 white / white

basic55® range has many facets. It fulfils every wish for creative design. Six frame colours can be perfectly combined with two rocker colours to meet individual expectations. Plus the luxurious champagne version as alternative. Thirteen exclusive options for combining puristic design with modern, pleasant colours.



- 01 chalet-white/chalet-white
- 02 chalet-white/château-black
- 03 maison-beige/chalet-white
- 04 maison-beige/château-black
- 05 bistro-blue/chalet-white
- 06 bistro-blue/château-black
- 07 entrée-grey/chalet-white
- 08 entrée-grey/château-black
- 09 foyer-red/chalet-white
- 10 foyer-red/château-black
- 11 château-black/chalet-white
- 12 château-black/château-black
- 13 champagne

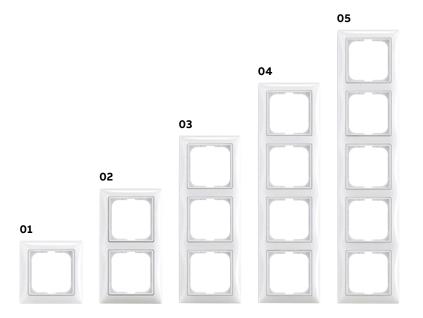
Selected functions.



- 01 Switch/button with rocker
- 02 2gang switch
- 03 2gang switch with neon lamp
- 04 3gang 1way switch
- 05 Push switch with doorbell symbol and labeling field
- 06 Rotary dimmer
- 07 Push switch with illumination
- 08 20 A DP switch with red neon indicator
- 09 Busch-Comfort switch®
- 10 SCHUKO® socket outlet, shuttered
- 11 Socket outlet, shuttered with earthing pin
- 12 SCHUKO® socket outlet with hinged lid
- 13 SCHUKO® double socket outlet
- 14 Blind switches/push-buttons
- 15 Blind switches/push-buttons with rotary knob

- 16 Comfort timer
- 17 Card switch
- 18 Room temperature controller
- 19 Antenna socket
- 20 Antenna socket for TV
- 21 Antenna socket for Radio/TV/SAT
- 22 Light signal
- 23 Busch-iDock
- 24 Loudspeaker outlet
- 25 Telephone Single Outlet (TAE)
- 26 Universal data connecting unit
- 27 Universal data connecting unit, 2gang
- 28 Loudspeaker

Selected functions.



- 1 to 5gang cover frame for horizontal and vertical installation.
- 01 84 mm x 84 mm
- 02 84 mm x 155 mm
- 03 84 mm x 226 mm
- 04 84 mm x 297 mm
- 05 84 mm x 368 mm





Switches / push-buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch with rocke breaking circuit, 1 Rated voltage: 250 Rated current: 10 A	-pole V~	
white	2006/1 UC-92-50	7 2CKA001012A2146	10/100
champagne	2006/1 UC-93-50	7 2CKA001012A2164	10/100
alpine white	2006/1 UC-94-50	7 2CKA001012A2139	10/100
château-black	2006/1 UC-95-50	7 2CKA001012A2174	10
chalet-white	2006/1 UC-96-50	7 2CKA001012A2184	10/100
-	Switch with rocke breaking circuit, 1		
	With neon lamp. Rated voltage: 250 Rated current: 10 A	V~	

white	2006/1 UCGL-92-507 2CKA001012A2156	10/100
champagne	2006/1 UCGL-93-507 2CKA001012A2165	10
alpine white	2006/1 UCGL-94-507 2CKA001012A2153	10/100
château-black	2006/1 UCGL-95-507 2CKA001012A2175	10
chalet-white	2006/1 UCGL-96-507 2CKA001012A2185	10



Switch with rocker 1gang 2way Rated voltage: 250 V~

Rated current: 10 AXIEC 60669-1

white	2006/6 UC-92-507	2CKA001012A2149	10/100
champagne	2006/6 UC-93-507	2CKA001012A2169	10/100
alpine white	2006/6 UC-94-507	2CKA001012A2142	10/100
château-black	2006/6 UC-95-507	2CKA001012A2179	10/100
chalet-white	2006/6 UC-96-507	2CKA001012A2189	10/100



Switch with rocker 2gang 1way

Rated voltage: 250 V~

Rated current: 10 AXIEC 60669-1

white	2006/5 UC-92-507	2CKA001012A2148	10/100
champagne	2006/5 UC-93-507	2CKA001012A2167	10/100
alpine white	2006/5 UC-94-507	2CKA001012A2141	10/100
château-black	2006/5 UC-95-507	2CKA001012A2177	10/100
chalet-white	2006/5 UC-96-507	2CKA001012A2187	10/100



Switch with rocker 2gang 1way

With neon lamp. Rated voltage: 250 V~

Rated current: 10 AXIEC 60669-1

white	2006/5 UCGL-92-507 2CKA001012A2157	10/100
champagne	2006/5 UCGL-93-507 2CKA001012A2168	10
alpine white	2006/5 UCGL-94-507 2CKA001012A2154	10/100
château-black	2006/5 UCGL-95-507 2CKA001012A2178	10
chalet-white	2006/5 UCGL-96-507 2CKA001012A2188	10

Product	Article-No.	Order-No.	Pack/Qty
	Switch with rocker 2gang 2way Rated voltage: 250 Rated current: 10 A	V~	
white	2006/6/6 UC-92-5	07 2CKA001012A2151	10
champagne	2006/6/6 UC-93-5	07 2CKA001012A2171	10
alpine white	2006/6/6 UC-94-5	607 2CKA001012A2144	10/100
château-black	2006/6/6 UC-95-5	07 2CKA001012A2181	10
chalet-white	2006/6/6 UC-96-5	607 2CKA001012A2191	10



Switch with rocker 3gang 1way, SP Rated voltage: 250 V~

Rated current: 16 AXIEC 60669-1

white	106/3/1 UC-92-507	2CKA001012A2158	10/100
champagne	106/3/1 UC-93-507	2CKA001012A2163	10
alpine white	106/3/1 UC-94-507	2CKA001012A2155	10/100
château-black	106/3/1 UC-95-507	2CKA001012A2173	10
chalet-white	106/3/1 UC-96-507	2CKA001012A2183	10



Switch with rocker 1gang

Rated voltage: 250 V~

Rated current: 10 AXIEC 60669-1

white	2006/7 UC-92-507	2CKA001012A2152	10
champagne	2006/7 UC-93-507	2CKA001012A2172	10
alpine white	2006/7 UC-94-507	2CKA001012A2145	10
château-black	2006/7 UC-95-507	2CKA001012A2182	10
chalet-white	2006/7 UC-96-507	2CKA001012A2192	10



Switch with rocker

With neon lamp. Rated voltage: 250 V~

Rated current: 20 AIEC 60669-1

white	1020/2 UCK-92-507	2CKA001020A0090	1
champagne	1020/2 UCK-93-507	2CKA001020A0091	10
alpine white	1020/2 UCK-94-507	2CKA001020A0089	1
château-black	1020/2 UCK-95-507	2CKA001020A0092	10
chalet-white	1020/2 UCK-96-507	2CKA001020A0093	10

Switches / push-buttons

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Switch with rocker 1) 1gang 2way with N-te With neon lamp. Rated voltage: 250 V~ Rated current: 10 AXIE	erminal			Illuminable. With N terminal. Rated voltage: 25 Rated current: 10	open contact (operating of	·
white	2006/6 UCK-92-507	2CKA001012A2150	10		Standard EN 606	• •	il icisii
champagne	2006/6 UCK-93-507	2CKA001012A2170	10		2025 U	2CKA001012A1713	10
alpine white	2006/6 UCK-94-507	2CKA001012A2143	10	Mounting	35 mm deep flus	h 1gang	
château-black	2006/6 UCK-95-507	2CKA001012A2180	10	boxes:	or Dual Box 3070	-2/35 BSDB.	
chalet-white	2006/6 UCK-96-507	2CKA001012A2190	10	2gang product combinations:	2gang combinati APBS in Dual Box	on with adapter plate	
1) With 1 mA neon 2) Illuminable by us	lamp. sing lamps 8360, 8362, 836	3, 8365, 8366, and 8367 an	d LED inserts.	delivery form:		BS to be ordered separate.	

 $^{^{1)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Push switch with rocker SP, with normally open contact (operating current) With N terminal.

Rated voltage: 250 V~

Rated current: 10 AIEC 60669-1

white	2026 UC-92-507	2CKA001413A1083	10/100
champagne	2026 UC-93-507	2CKA001413A1091	10/100
alpine white	2026 UC-94-507	2CKA001413A1080	10/100
château-black	2026 UC-95-507	2CKA001413A1095	10
chalet-white	2026 UC-96-507	2CKA001413A1099	10

Push switch with rocker

with doorbell symbol and labeling field

SP (operating current), With N terminal. Secondary: 250 V-Rated current: 10 AIEC 60669-1

white	2026 UCN/KL-92-507 2CKA001413A1087	10/100
champagne	2026 UCN/KL-93-507 2CKA001413A1093	10
alpine white	2026 UCN/KL-94-507 2CKA001413A1086	10/100
château-black	2026 UCN/KL-95-507 2CKA001413A1097	10
chalet-white	2026 UCN/KL-96-507 2CKA001413A1101	10



Push switch with rocker and neutral symbol SP, with normally open contact (operating current)

With N terminal. Rated voltage: 250 V~ Rated current: 10 AIEC 60669-1

white	2026 UCN-92-507	2CKA001413A1084	10/100
champagne	2026 UCN-93-507	2CKA001413A1092	10/100
alpine white	2026 UCN-94-507	2CKA001413A1081	10
château-black	2026 UCN-95-507	2CKA001413A1096	10
chalet-white	2026 UCN-96-507	2CKA001413A1100	10

△ CARD △

Cover plate 1) For card switch.

For insert 2025 U.

Suitable for cards sized 54×86 mm.

The inner part of the cover plate is made of lightconducting plastic, so that the card slot is illuminated.

white	1792-92-507	2CKA001710A3865	10	
champagne	1792-93-507	2CKA001710A3929	10	
alpine white	1792-94-507	2CKA001710A3864	10	
château-black	1792-95-507	2CKA001710A3933	10	
chalet-white	1792-96-507	2CKA001710A3937	10	_

Due to dimensions cover is suitable in cover frames without decorative styling

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) UP, LED, 2-400 W Very small installation depth: < 20 mm Without claws. With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum/maximum brightness. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control) Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1

1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

2CKA006512A0345

1/10

6523 UR-103-500

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) Flush-mounted, LED, 2-100 W

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

Mix operaton of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.

Low-noise level by MOSFET transistors. With electronic short-circuit protection.

With electronic overload protection. With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads).

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 U-102-500 2CKA006512A0335 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account.

²⁾ In the case of conventional transformers, take ~20% transformer loss into account. 3) In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

 $^{^{6)}}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

Touch dimmer.

2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.

Mix operaton of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control

can be adjusted using the potentiometer.

The potentiometer at the left limit stop corresponds with the trailing edge control mode.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und

6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads).

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323 1/10

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 3) In case of electronic transformers, 5 % transformer losses.
- ⁴⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Recommendation: Please use loads and types of one producer.
- 6) In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R, 60-600 W

With rotary control, 2way On-Off switching and soft-catch. Leading Edge control.

For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1, British Standard EN 60669-2-1



2250 U-500

2CKA006515A0848

1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RL, 20-500 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1



2247 U-500

2CKA006512A0302 1/10

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 2) In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices.
- 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) 5) 6)

UP, RL, 200-700 W

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer

Short-circuit-proof, overload-protected. With adjustable minimum brightness.

Without cover plate.

Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6520 U-500

2CKA006520A0227

- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- 2) In the case of conventional transformers, take ~20% transformer loss into account.
- 3) Provided with terminal for net disconnection devices. 4) Also applicable for 1gang 2way installations.
- 5) Only in conjunction with standard flush-mounting boxes according to DIN 49073,
- Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 6) Should be mounted in a seperate wallbox.

²⁾ Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁴⁾ Provided with terminal for net disconnection devices.

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-2gang switch/rotary dimmer 1) 2) 3) flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 ______ 6517 U-101-500 2CKA006517A0018

 $^{1)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

2) In the case of conventional transformers, take ~20% transformer loss into account.

3) Can be used to replace a 2gang 1way switch.



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

With rotary control, soft-catch and with trailing edge control

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 40 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6513 U-102-500 2CKA006513A0586

1) Not suitable with conventional transformers. 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices.
- 5) Also applicable for 1gang 2way installations.

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) flush mounted, RC, 40-420 W

DP switched

With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers.

Low-noise, short-circuit-proof, overload-protected.

Without cover plate. DP cut off (P,N)

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 20 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6514 U-500

2CKA006514A0115

1) Not suitable with conventional transformers. 2) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

- 3) In case of electronic transformers, 5 % transformer losses.
- 4) Provided with terminal for net disconnection devices
- 5) Also applicable for 1gang 2way installations.
- $^{\rm 6)}$ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



1/10

Busch-rotary dimmer 1) 2) 3) 4) 5) flush mounted, RLC, 60-420 W

with soft-catch

With intelligence for universal operation.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6591 U-101-500

2CKA006513A0588

- 1) Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.
- 2) In case of electronic transformers, 5 % transformer losses
- ³⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- 4) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- 5) Cannot be combined with a 2way switch.



Busch-rotary dimmer, extension 1) 2)

for connection to 6591 U-101,

To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions

can be connected to a 6591U-101.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz



6592 U-500

2CKA006513A0590

⁶⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall

¹⁾ Control elements 2115-xxx and 6540-xxx.

²⁾ Required for illuminating the N-connection control element.

basic55® Dimmers

Product	Article-No.	Order-No.	Pack/Qty
Figure 1 the of B	control output 1-10 For LED control via Without cover plate Rated voltage: 230 Rated frequency: 5 Rated power: 700 V	ov ast units for fluorescent la V DC, control current max control gears V~, +10 % / -10 % O Hz - 60 Hz	x. 50 mA DC.
	2112 U-101-500	2CKA006599A2873	1/10

¹⁾ Non-illuminable.

⁴⁾ Making-current limiters have to be provided in case of too high making currents.



Busch-rotary dimmer 1)

Flush-mounted, DALI, tunable white

For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. Fool proved.

For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6,500 K.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116 U 2CKA006599A3025

Product Article-No. Order-No. Pack/Qty



Busch-rotary dimmer 1)

Flush-mounted, DALI, with internal power supply, tunable white

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6.500 K.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation.
Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as

additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2116/11 U 2CKA006599A3026 1

²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Dimmers

Product Article-No. Order-No. Pack/Qty Busch-rotary dimmer 1) flush mounted, DALI For DALI broadcast service (via central telegram).

> For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-

With rotary control and ON/OFF push operation. Fool proved.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

2CKA006599A2987

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Busch-rotary dimmer 1)

flush mounted, DALI, with internal power supply

For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface.

With rotary control and ON/OFF push operation.

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in

Not suitable for combining with other DALI sensors or central units of other manufacturers

DALI-voltage: 15,5 V= Rated current: max. 75 mA Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as

additional operation point. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: $50\ Hz$ - $60\ Hz$

Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C

2117/11 U-500 2CKA006599A2988





Busch-touch dimmer 1) 2) flush mounted, RL, 25-500 W

With light-level memory and leading edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional

Compatible with control covers 6543-xxx-10x.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Parallel operation of several transformers and/or

incandescents lamps possible. Without control cover.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6560 U-101-500

2CKA006560A1207

 $^{1)}\,\mbox{In}$ the case of conventional transformers, take ~20% transformer loss into account. ²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-rotary dimmer 1) 2) 3) 4) flush mounted, R, 60-600 W

With rotary control, 2way On-Off switching and soft-catch

Leading Edge control.

For incandescent lamps and 230 V tungsten halogen

lamps.

With adjustable minimum brightness.

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 600 W

IEC 60669-2-1. British Standard EN 60669-2-1



2250 U-507

2CKA006515A0840

1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

2) Also applicable for 1gang 2way installations.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

4) Provided with terminal for net disconnection devices.



Dimmer 1) 2)

with leading edge control

For incandescent lamps and 230 V tungsten halogen

lamps.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 400 W

IEC 60669-2-1, British Standard EN 60669-2-1



white 2200 U-500 2CKA006514A0112

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

2) Non-illuminable.

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Dimmers

Busch touch-dimmer range ¹) ²) ³) ⁴) flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British Standard EN 60669-2-1	Product	Article-No.	Order-No.	Pack/Qty
Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 HzIEC 60669-2-1, British Standard EN 60669-2-1	Product	Busch touch-dim flush mounted, R For switching and With trailing edge 2gang 1way For incandescent lamps and low-vo- transformers. Compatible with Without cover, wi	timer range ¹) ²) ³) ⁴) tic, 45-315 W d dimming 2 independent e control. clamps, 230 V tungsten h bltage halogen lamps with control covers 6545-xxx. ithout cover plate.	t devices. alogen n electronic
RC C Z		Rated power: 40- Rated voltage: 23 Rated frequency:	.315 W/VA per channel. 30 V~, +10 % / -10 % 50 Hz - 60 HzIEC 60669-2	
6565 U-500 2CKA006565A0057 1/10			3CK V008E8E V00E	7 1/10

¹⁾ Not suitable with conventional transformers.

⁴⁾ Does not provide an extension input.



Busch-touch dimmer 1) 2) 3) 4) flush mounted, RLC, 60-420 W

With light-level memory and intelligence for universal operation.

Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

With touch control.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500.

For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M.

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx Combinable with Busch-Watchdog extension insert

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6805 U.

6593 U-500

2CKA006590A0171 1/10 Product Article-No. Order-No. Pack/Qty



Busch-Dimmer®, capacity booster 1) flush mounted, RLC, 200-315 W

The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Can only be installed in conjunction with a cover plate

2114-xxx and 6541-xxx. Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz Rated power: 200 - 315 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



6594 U-500

2CKA006590A0172

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



Busch-touch dimmer 1) 2) 3)

flush mounted, 1-10V

3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element

6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

For LED control via control gears

Without control cover.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

6550 U-101-500 2CKA006550A0042

with integrated making-current limiter



Busch Dimmer® with cover plate

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W



IEC 60669-2-1

white	2251 UCGL-92-507	2CKA006515A0843	1/10
champagne	2251 UCGL-93-507	2CKA006515A0845	1/10
alpine white	2251 UCGL-94-507	2CKA006515A0842	1/10
château-black	2251 UCGL-95-507	2CKA006515A0846	1/10
chalet-white	2251 UCGL-96-507	2CKA006515A0847	1/10

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073. Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

¹⁾ Non-illuminable.

²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, $Part\,1, erect\,or\,Busch-Jaeger\,No.\,3040\,wallbox\,stonework, 3050\,wallbox\,cavity\,wall$ or 3060 wallbox concrete)

Dimmers

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty	
	Cover plate ¹) with rotary knob, with indication lamp For Busch-Dimmer®. For inserts 2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/ 6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.			
white	2115-92-507	2CKA006599A2929	10	
champagne	2115-93-507	2CKA006599A2990	10	
alpine white	2115-94-507	2CKA006599A2928	10	
château-black	2115-95-507	2CKA006599A2991	10	
chalet-white	2115-96-507	2CKA006599A2992	10	

	Control element 1)	2) 3)	
	with neon lamp	• •	
	Can be combined	with LED dimmer 6524 U, a	nd 6526 U,
	Busch-Universal to	uch-type controller 6550 U	-10x,
_	Busch-Memory to	uch dimmer 6560 U-101, Bu	sch-
	Universal-Dimmer	® 6593 U, Busch-Universal re	elay insert
	6401 U-10x, Busch	-Universal 2gang insert 640)2 U.
white	6543-92-507	2CKA006599A2996	1/10
champagne	6543-93-507	2CKA006599A2993	1/10
alpine white	6543-94-507	2CKA006599A2997	1/10
château-black	6543-95-507	2CKA006599A2994	1/10
chalet-white	6543-96-507	2CKA006599A2995	1/10

¹⁾ Compatible with previous type 6543-xxx.





Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required).

For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flushmounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers. Rated current: 10 AX

Rated power: 2300 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

	☼҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇҇		
	6402 U-500	2CKA006401A0051	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	3	
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	•	n lamp 3855, one neon lamp is supplied together wit rol cover plates 6540-2x.	

Touch-type Controller 6550 U-xxx non-illuminable.

³⁾ Replacement neon lamp 3857.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	3 wire connectic For Busch-Watch Standard 6810-2 For Busch-Watch Comfort II 6800 For Busch-Watch 6813/11-xxx. Rated voltage: 2 Rated frequency Outputs: 1x Norr Suitable for: 230 lamps, fluoresce lamps, that are of Rated power: 70	andog 180 flush-mounted -xxx-104 and 6800-xxx-10 and 6800-xxx-10 and 6813-30 V, +10 % / -10 % / -10 mally open contact, pote V incandescent lamps, 2 operated via transformer 0 W/VA	sensor sensor 04Mxxx-101 und ntial-bound 130 V halogen e halogen



Busch-Watchdog MOS-Fet Insert 1) 2) 3) 4) 5) 6)

2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

2CKA006800A2160

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

₽₽₽₽

6804 U-101-500	2CKA006800A2219	1/10

¹⁾ In case of electronic transformers, 5 % transformer losses.





Busch-Watchdog extension insert 1)

3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and

For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Control/Signal outputs: 1, electronic output, potential-

2CKA006800A2161

bound

6805 U-500

Temperature range (Device): 0 °C to 35 °C

Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.
2aana product	2gang combination with adapter plate

combinations: APBS in Dual Box only.

¹⁾ Not combinable with relay switch insert 6812 U-101.



Busch-Watchdog 180 flush-mounted standard sensor 1) with select-lens

For automatic switching of devices dependent on motion and brightness.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101 For Dimmer insert 6593 U. Surveillance density: 18 sectors with 72 switching

seaments.

Switch-off delay: 80 sec.

Detection range: frontal: 12 m, lateral: 8 m

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

white	6810-92-101-507	2CKA006810A0004	1/10
champagne	6810-93-101-507	2CKA006810A0006	1
alpine white	6810-94-101-507	2CKA006810A0005	1
château-black	6810-95-101-507	2CKA006810A0007	1
chalet-white	6810-96-101-507	2CKA006810A0008	1

¹⁾ Please order the respective flush-mounted insert separately.

 $^{^{2)}\}mbox{In the case of conventional transformers, take ~20% transformer loss into account.}$ 3) Not suitable for the activation of energy-saving lamps, conventional and electronic

ballast units and LED lamps. 4) Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relais.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty		
	Busch-Watchdog 180 flush-mounted comfort				
	sensor II ¹)				
STREET, TO	with select-lens				
PERMIT A		itching of devices deper			
CHESTON 1		tness. For relay inserts (U-101. For MOS-Fet inse	,		
		t 6593 U. For extension i			
		elector switch for ON-A			
	(lockable).	ciccioi switchi on A	oronane on		
	Soft phase-out: In combination with the 6593 U (mode				
	of operation: Soft OFF) the illumination is dimmed				
	down within 60 s	0 sec and switched off.			
	Surveillance density: 18 sectors with 72 switching				
	segments.				
	Switch-off delay:	10 sec to 30 min or shor	t-time pulse		
	1 sec adjustable.				
	Detection range: frontal: 12 m, lateral: 8 m				
	Detection angle: 180 °				
		alue: 5 Lux Up to daytim	e operation		
	Mounting height: 0.8 m - 1.2 m				
	Protection class (Sensor): IP 20				
	remperature rang	ge (Device): 0 °C to 35 °C	•		
white	6800-92-104-50	7 2CKA006800A26	35 1		
champagne	6800-93-104-50	7 2CKA006800A26	37 1		
alpine white	6800-94-104-50	7 2CKA006800A26	36 1		
château-black	6800-95-104-50	7 2CKA006800A26	38 1		

⁶⁸⁰⁰⁻⁹⁶⁻¹⁰⁴⁻⁵⁰⁷ 1) Please order the respective flush-mounted insert separately.



chalet-white

Busch-Watchdog 180 flush-mounted comfort sensor II 1) 2) with multi-lens

For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U.

2CKA006800A2639

With integrated selector switch for ON-AUTOMATIC-OFF

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 28 sectors with 112 switching segments.

Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

Detection range: frontal: 15 m, lateral: 5 m, Mounting

Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

white	6800-92-104M-507	2CKA006800A2640	1
champagne	6800-93-104M-507	2CKA006800A2642	1
alpine white	6800-94-104M-507	2CKA006800A2641	1
château-black	6800-95-104M-507	2CKA006800A2643	1
chalet-white	6800-96-104M-507	2CKA006800A2644	1

¹⁾ installation: slide switch top.

Product Article-No. Order-No. Pack/Qty



Busch-Universal relay switch insert

3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert

6440/05 U-500.

Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units. Operation also possible via conventional push buttons

(2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible

via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 2300 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1

6440/01 U-500

2CKA006400A0085



Universal e-contact insert 1)

2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500.

For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert

6440/05 U-500.

Operation in 1gang 2way installations via push switchunit for combination with flush-mounted units.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

Rated power: 20 - 180 W

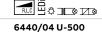
Suitable for: Low voltage halogen lamps operated by

transformers.

Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm

DIN EN 60669-2-1



2CKA006400A0088

²⁾ Please order the respective flush-mounted insert separately.

Pack/Qty

basic55®

Movement detectors / comfort switches

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qt	
_	Universal-Slave i	nsert		
sand Reads	3 wire connection	n (neutral conductor rec	uired).	
	For the extension	of Busch-Comfort swit	ch or Busch-	
Marie Comment	Presence detecto	r installations.		
The same of	For communicati	on with Universal relay i	insert	
	6440/01 U-500.	·		
	For communication with Universal-e-contact insert			
	6440/04 U-500.	6440/04 U-500.		
	•	rt switch control eleme	nt	
	6815101-500.			
	For Busch-Presence detector sensor 6813102-500.			
	Rated voltage: 230 V~, +10 % / -10 %			
	Rated frequency:			
		utputs: 1, electronic out	nut notential-	
	bound	reputs. 1, electronic out	pat, poteritiai	
	204.14			
	Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm			
	•	-	X 32 IIIIII	
	Mounting depth:	21 IIIII)		
	6440/05 U-500	2CKA006400A00	091 1	

Busch-Comfort switch control element 1) 2)

Movement detector/push-button switch combination. Push switch function possible at all times.

For switching lighting systems that depend on brightness and movement.

Extension of the detection range by means of master/ slave combination.

Additional activation/deactivation possibility through pushbutton input.

Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off.

Adjustable operating mode: semiatuomatic, manual switch-on, automatic (time and motion-controlled) switch-off.

Adjustable operating mode: automatic switch-on, manual switch-off.

With continuous light/continuous off function.

Adjustment elements on the rear.

Surveillance density: 9 sectors with 28 switching segments.

Switch-off delay: 1 to 10 min., adjustable.

For Busch-Universal relay switch insert 6440/01 U-500.

For Universal-e-contact insert 6440/04 U-500.

For Universal-Slave insert 6440/05 U-500.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED for status display.

Detection range: frontal: 5 m, lateral: 3 m, Mounting

height: 1.1 m

Detection angle: 170 °

Brightness limit value: 0.5 Lux - 500 Lux, Daytime

operation

Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

Dimensions: (L x W x D): 55.5 mm x 55.5 mm x 28.3 mm

DIN EN 60669-2-1

white	6815-92-101-507	2CKA006800A2848	1
champagne 3)	6815-93-101-507	2CKA006800A2849	1
alpine white	6815-94-101-507	2CKA006800A2850	1
château-black	6815-95-101-507	2CKA006800A2851	1
chalet-white	6815-96-101-507	2CKA006800A2852	1

¹⁾ Please order the respective flush-mounted insert separately.



Product

Blind switch with cover 1) SP, switch

With interlock.

Article-No.

Rated voltage: 250 V~

Rated current: 10 AXIEC60669-1

white	2006/4 UC-92-507	2CKA001012A2147	10
champagne	2006/4 UC-93-507	2CKA001012A2166	10
alpine white	2006/4 UC-94-507	2CKA001012A2140	10
château-black	2006/4 UC-95-507	2CKA001012A2176	10
chalet-white	2006/4 UC-96-507	2CKA001012A2186	10

Order-No.

¹⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.



Blind switch with cover 1) SP, push switch.

With interlock.

Rated voltage: 250 V~

Rated current: 10 AIEC60669-1

white	2026/4 UC-92-507	2CKA001413A1085	10
champagne	2026/4 UC-93-507	2CKA001413A1094	10
alpine white	2026/4 UC-94-507	2CKA001413A1082	10
château-black	2026/4 UC-95-507	2CKA001413A1098	10
chalet-white	2026/4 UC-96-507	2CKA001413A1102	10

 $^{^{1)}}$ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly



Blind switch with cover 1) 2)

SP, N, E

With rotary knob/switch and push switch.

Rated voltage: 250 V~

Rated current: 10 AXIEC 60669-1

white	2713 UCDR-92-507	2CKA001101A0922	10	
champagne	2713 UCDR-93-507	2CKA001101A0926	10	
alpine white	2713 UCDR-94-507	2CKA001101A0920	10	
château-black	2713 UCDR-95-507	2CKA001101A0928	10	
chalet-white	2713 UCDR-96-507	2CKA001101A0930	10	

¹⁾ Blind switches/push switches prevents fast change over between operating

²⁾ Also suitable for DC drives.



Blind switch with cover 1) 2)

SP, N, E

With rotary knob/push button. Rated voltage: 250 V~

Rated current: 10 AIEC60669-1

white	2723 UCDR-92-507	2CKA001101A0923	10
champagne	2723 UCDR-93-507	2CKA001101A0927	10
alpine white	2723 UCDR-94-507	2CKA001101A0921	10
château-black	2723 UCDR-95-507	2CKA001101A0929	10
chalet-white	2723 UCDR-96-507	2CK 400110140931	10

¹⁾ Blind switches/push switches prevents fast change over between operating

²⁾ The range specifications refer to an ambient temperature of 21 °C.

³⁾ Surface painted.

²⁾ Also suitable for DC drives.

Product

basic55®

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
		ontrol element 1)	
		time-controlled switchin	•
U. U. 2014		nings, lighting and other	electrical
10:32	devices.	wn program including (A	stro-program)
		adjustment and Astro bl	
		evices can be manually o	•
	time.	· ·	
	Simple setting v	ia high-resolution displa	y with
	background illur		
	•	ching times/date/time.	
	Factory-set swit adjusted.	ching times can be indiv	ridually
	•	hover from summer time	e to winter time
	(switch-off func		e to winter time
	•	/programme are safely s	stored in the
	event of a mains	power failure.	
	Power reserve for	or time and date > 10 yea	ırs.
	Simple toggling modes.	between manual/autom	atic/vacation
		Busch-Blind control II ins	ert
	6411 U/S-101, su	n protection and twiligh	t function.
	Freely adjustable	e temperature and brigh	tness-
		protection function.	
		e twilight function.	
	•	running times for blinds	and air
	conditioning.	ossible only with control	element
	attached and en	•	Cicinciic
		es per day can be user-de	efined for each
	day of the week.		
	-	times and switching tim	ies can be
	combined.		
		with LED dimmer 6524	•
		r dimmer insert 6593 U c ype controller 6550 U-10	
		e lighting can be adjuste	
	switching time.	e nghang can be aajaste	a for cach off
		control II insert 6411 U-1	01,
	6411 U/S-101.		
		rsal relay switch insert 6	
	For Busch-Unive	rsal master dimmer inse	ert 6593 U.

For LED dimmer insert 6524 U and 6526 U. For Busch-Memory touch-type controller 6550 U-101. Temperature range (Device): 0 °C to 35 °C

2CKA006410A0399

1/10

	Standard timer o	ontrol element ¹)	
Erveling DZ 20.20M	For manual and t roller blinds.	me-controlled switching of b	olinds and
10:32	With dusk to daw Individual Astro a The controlled detime. Simple setting vibackground illum With preset switch adjusted. Automatic switch (switch-off funct Switching times/event of a mains Power reserve for Simple toggling a modes. Programming po attached and energiated and energian individual switch and energian individual switching times/event of a mains power reserve for simple toggling and the switching times/event of a mains power reserve for simple toggling and the switching times/event of a mains power reserve for simple toggling and the switching times/event of a main switching switch	hing times/date/time. hing times can be individual lover from summer time to w ion). programme are safely stored bower failure. It time and date > 10 years. letween manual/automatic/ ssible only with control elem-	ng time. Ited at any In Ily Vinter time Id in the Vacation ent
	day of the week.	per day can be user defined	rior caerr
	imes and switching times ca	n be	
	For basic blind in		
	Temperature ran	ge (Device): 0 °C to 35 °C	
	6456-101	2CKA006410A0398	1/10
1) 6	1		

Order-No.

Pack/Qty

¹⁾ See respective cover plates 6435-xx.



Cover plate

Article-No.

For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For Busch-CO2 sensor 1091 U-500.

white	6435-92-507	2CKA006430A0353	10	
champagne	6435-93-507	2CKA006430A0392	10	
alpine white	6435-94-507	2CKA006430A0352	10	
château-black	6435-95-507	2CKA006430A0393	10	
chalet-white	6435-96-507	2CKA006430A0394	10	
				_

6455-101-500

¹) See respective cover plates 6435-xx.

Blind control / timers / CO₂ sensor

Product	Article-No.	Order-No.	Pack/Qty
630 ppn 10010s	means of openin With display for c and air pressure. Setting values: ca humidity 40% - 9	ne incoming fresh air in roo g or switching of windows, arbon dioxide, humidity, tel urbon dioxide 800 ppm - 150	/fans. mperature
	Nominal voltage: 230 V~ Nominal current: 6 A cos φ = 1		
	Without claw fixa To fit cover plate		
	1091 U-500	2CKA001032A0518	1/10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket of With screwless ter DP (2 P + E) Rated voltage: 250 Rated current: 16 A	minals.	
white	20 EUC-92-507	2CKA002011A3857	10/100
champagne ²)	20 EUC-93-507	2CKA002011A6140	10/100
alpine white	20 EUC-94-507	2CKA002011A3855	10/100
château-black	20 EUC-95-507	2CKA002011A6142	10/100
chalet-white	20 EUC-96-507	2CKA002011A6144	10/100

¹⁾ Terminals suitable for loop through connection.

²⁾ Surface painted.



SCHUKO® socket outlet ¹) shuttered With screwless terminals. DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

white	20 EUCKS-92-507	2CKA002013A5279	10/100
champagne	20 EUCKS-93-507	2CKA002013A5337	10
alpine white	20 EUCKS-94-507	2CKA002013A5278	10/100
château-black	20 EUCKS-95-507	2CKA002013A5338	10
chalet-white	20 EUCKS-96-507	2CKA002013A5339	10

 $^{^{\}scriptscriptstyle 1)}$ Increased shock protection .



SCHUKO® socket outlet ¹) with marking "DATA" With screwless terminals.

DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A

white	20 EUC/DV-92-507	2CKA002011A3856	10
champagne	20 EUC/DV-93-507	2CKA002011A6141	10
alpine white	20 EUC/DV-94-507	2CKA002011A3854	10
château-black	20 EUC/DV-95-507	2CKA002011A6143	10
chalet-white	20 EUC/DV-96-507	2CKA002011A6145	10
chalet-white	20 EUC/DV-96-507	2CKA002011A5337	1

¹⁾ Can only be used in SI frames with adapter 1746-....



SCHUKO® socket outlet with marking

With screwless terminals.

DP (2 P + E)

with continuous coloured marking of cover plate and

Rated voltage: 250 V~ Rated current: 16 A

red RAL 3020	d RAL 3020 20 EUC-12-92-507-101 2CKA002011A6252			
Green, RAL 6032	20 EUC-13-92- 507-101	2CKA002011A6261	10	
orange RAL 2004	20 EUC-14-92-507	2CKA002011A6153	10	

Socket outlets

ened.	
A002018A0351	10/100
A002018A1498	10
A002018A0350	10/100
A002018A1499	10
A002018A1500	10
ened.	
A002111A0652	10
A002111A0653	10
A002111A0654	10
A002111A0655	10
A002111A0656	10
	A002111A0656



Delivered with special frame for IP44 protection level The IP44 protection level will achieved only if the device is mounted on a flat and napless wall.

With screwless terminals.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

white	20 EUCKD-92-507	2CKA002018A1504	10/100
champagne	20 EUCKD-93-507	2CKA002018A1501	10/100
alpine white	20 EUCKD-94-507	2CKA002018A1505	10/100
château-black	20 EUCKD-95-507	2CKA002018A1502	10/100
chalet-white	20 EUCKD-96-507	2CKA002018A1503	10/100



Socket outlet 1) with earth pin

With screwless terminals.

Suitable for the countries: Belgium, Poland, Czech

Republic. DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

20 M-500 2CKA002017A0854 10/100





Cover plate shuttered

For socket outlet insert 20 M-500.

white	2399 UCKS-92-507	2CKA002099A0251	10
champagne	2399 UCKS-93-507	2CKA002099A0259	10
alpine white	2399 UCKS-94-507	2CKA002099A0250	10
château-black	2399 UCKS-95-507	2CKA002099A0260	10
chalet-white	2399 UCKS-96-507	2CKA002099A0261	10



Double SCHUKO® socket outlets

With screwless terminals.

DP (2 P + E)

Suitable for 1gang flush-mounted boxes.

Rated voltage: 250 V~ Rated current: 16 A

white	20-02 EUJ-92-507	2CKA002014A1463	10/80
champagne	20-02 EUJ-93-507	2CKA002014A1476	10
alpine white	20-02 EUJ-94-507	2CKA002014A1462	10/80
château-black	20-02 EUJ-95-507	2CKA002014A1477	10
chalet-white	20-02 EUJ-96-507	2CKA002014A1478	10



Double SCHUKO® socket outlets ¹)

shuttered

With screwless terminals.

DP (2 P + E)

Suitable for 1gang flush-mounted boxes.

Rated voltage: 250 V~ Rated current: 16 A

white	20-02 EUJKS-92-507	2CKA002021A0379	10
champagne	20-02 EUJKS-93-507	2CKA002021A0380	10
alpine white	20-02 EUJKS-94-507	2CKA002021A0378	10
château-black	20-02 EUJKS-95-507	2CKA002021A0381	10
chalet-white	20-02 EUJKS-96-507	2CKA002021A0382	10

¹⁾ Increased shock protection .



SCHUKO® socket outlet 1) 2) with screw-type terminals

DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

ivory	2300 EUC-92-507	2CKA002011A6154	10
champagne	2300 EUC-93-507	2CKA002011A6146	10
alpine white	2300 EUC-94-507	2CKA002011A6155	10
château-black	2300 EUC-95-507	2CKA002011A6147	10
chalet-white	2300 EUC-96-507	2CKA002011A6150	10

¹) Terminals suitable for loop through connection.

¹⁾ Insert can be used for all covers 2399 UCKS-xx.

²⁾ With screw-type terminals

basic55®

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet with earthing pin With screwless term Suitable for the cou DP (2 P + E) Rated voltage: 250 N Rated current: 16 A	ntries like Poland, Czech F	Republic.
alpine white	20 MUC-94-507	2CKA002017A0847	10/100
white	20 MUC-92-507	2CKA002017A0848	10/100
champagne	20 MUC-93-507	2CKA002017A0867	10
château-black	20 MUC-95-507	2CKA002017A0869	10/100
chalet-white	20 MUC-96-507	2CKA002017A0871	10



SCHUKO® USB socket outlet 1) 2) 3)

shuttered

With screwless terminals.

DP (2 P + E)

For supply and support of mobile devices via USB-cable.

With USB female connector type A.

With electronic short-circuit protection.

With electronic overload protection.

Simultaneous charging via USB connection and use of

the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz

Suitable for: SCHUKO® socket outlet

Rated current: 16 A

Suitable for: USB connection

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 35 mm

white	20 EUCBUSB-92-507	2CKA002011A6192	1
champagne 4)	20 EUCBUSB-93-507	2CKA002011A6194	1
alpine white	20 EUCBUSB-94-507	2CKA002011A6193	1
château-black	20 EUCBUSB-95-507	2CKA002011A6195	1
chalet-white	20 EUCBUSB-96-507	2CKA002011A6196	1

 $^{^{\}mbox{\tiny 1)}}\mbox{Connecting terminals approved in accordance with VDE 0620-1 as connectors.}$

Product	Article-No.	Order-No.	Pack/Qty	
-	Socket outlet 1) 2	1		
-	with earthing pin	ı		
0	With screwless te	rminals.		
	Shuttered.			
	P DP (2 P + E)			
	For supply and su	For supply and support of mobile devices via USB-cable.		
	With USB female	connector type A.		
	With electronic sh	ort-circuit protection.		
	With electronic or	erload protection.		
	Simultaneous cha	rging via USB connect	ion and use of	
	the SCHUKO® soc	ket outlet.		
	Suitable for the c	ountries like Poland, Cz	zech Republic.	
	Rated voltage: 25	0 V~		
	Secondary: 5 V-, +	5 % / -5 %		
	Rated frequency:	50 Hz		
	Suitable for: Sock	et outlet connection		
	Rated current: 16	A		
	Suitable for: USB	connection		

Rated current: 700 mA Protection class (Device): IP 20, SELV

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm Mounting depth: 35 mm

white 20 MUCBUSB-92-507 2CKA002017A0877 20 MUCBUSB-94-507 2CKA002017A0878 alpine white 1

¹⁾ No data transfer.

²⁾ No data transfer.

³⁾ Use dust cover 2098 when cleaning the device.

⁴⁾ Surface painted.

²⁾ Use dust cover 2098 when cleaning the device.

Data communication

Product	Article-No.	Order-No.	Pack/Qty	
	Universal data connection unit, cat. 3 ¹) 1gang With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20			
	0213-507	2CKA000230A0378	1/10	
1) Suitable for cov	er plate 1803-xxx.			



Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet 1) 1gang

With down-leading outlet and LSA self-cutting clamps. Cat. 6 according to DIN EN 50173-1:2003-06, ISO/IEC 1180:2002, and TIA/EIA-568-B.2:2002. Marking in accordance with EIA/TIA 568 A and B. Design according to IEC 60 603-7-2:2007. Up to 250 MHz on all pairs of wires. Suitable for Gigabit Ethernet. With claw. Suitable for RJ 11, RJ 12 und RJ 45.

1) Suitable for cover plate 1803-xxx.

0220-507-101



Data-connection box, RJ 45, cat. 6a iso, shielded 1)

With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).

2CKA000230A0469

10

1/10

Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.

Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01.

Shielding according to DIN EN 55022, Class B.

Up to 500 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.

Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the

back possible.

Re-embedded proofed.

Suitable for Mix-and-Match operation.

Suitable for RJ 11, RJ 12 und RJ 45.

For data cables with a diameter of 6-10 mm.

For wires of AWG 24-22.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without claws.

Mounting depth: 31 mm. Protection class (Device): IP 20

metal clad 0218/11-101-507 2CKA000230A0410

Product	Article-No.	Order-No.	Pack/Qty
		nnection unit, RJ45, C	•
38333384t	•	down-leading outlet 1))
CA-III WA	1gang		
	With down-leadir	ng outlet and LSA self-c	utting clamps.
	Cat. 6 according	to DIN EN 50173-1:2003	-06, ISO/IEC
	1180:2002, and T	A/EIA-568-B.2:2002.	
	Cat. 6a (Category	6 augmented) in acco	rdance with TIA/
	EIA-568-B.2-10 Dr	aft 8.0.	•
	Marking in accord	dance with EIA/TIA 568	A and B.
	Design according	to IEC 60 603-7-2:2007	7.
	Up to 250 MHz or	all pairs of wires.	
	Suitable for Giga	bit Ethernet.	
	With claw.		

Order No

0221-507

Articla Na



Droduct

Modular-Jack insert Cat. 6 non-shielded, 8 (8)-pole

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

2CKA000230A0399

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).

0209-507 2CKA000225A0154



Universal data connection box with down-leading outlet 1)

2gang internally parallel connected

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.

Design according to IEC 60 603-7-2:2007.

Screw contacts

	Protection class (Devi	Protection class (Device): IP 20		
	0214	2CKA000230A0235	10/100	
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	9		
2gang product combinations:	, ,			
neon indicator:	not applicable			
¹) Suitable for cove	r plate 1803-02-xxx.			



Universal data connection box with down-leading outlet 1)

2 x outlets, 8/8-pole

With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.

Design according to IEC 60 603-7-2:2007.

Screw contacts With claw.

Protection class (Device): IP 20

	0215	2CKA000230A0243	10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	3	
2gang product combinations:	roduct 2gang combination with adapter plate ations: APBS in Dual Box only.		
neon indicator:	eon indicator: not applicable		

¹⁾ Suitable for cover plate 1803-02-xxx.

¹) Suitable for cover plate 1803-xxx.

¹⁾ Suitable for cover plate 1803-xxx.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	2 x outlets, 8/8-p With down-leadir RJ-45 terminals for EA (10 Gbits/s / 5 Equates to cat. 60 ISO/IEC 11801:20 Terminal marking Typ according to Shielding accordi Up to 500 MHz or Suitable for 10-Gi Suitable for PoE+ contact durability Flex cable entries Earthing of housi back possible. Re-embedded prof Suitable for Mix-a Suitable for RJ 11 For data cables we For trunk systems underfloor system	ag outlet and LSA self-cor networks according 500MHz). a, Class EA according to 11-06. If A and B according to 12 EN 60 603-7-51:2011-0: In all pairs of wires. If you have a second to 12 EN 60 603-7-51:2011-0: In all pairs of wires. If you have a second to 12 EN 60 603-7-51:2011-0: In all pairs of wires. If you have a second to 12 EN 60 60 60. If you have a second to 12 EN 60 60 60. If you have a second to 12 EN 60 60 60. If you have a second to 15 EN 60 60 60. If you have a second to 15 EN 60 60 60. If you have a second to 15 EN 60 60 60. If you have a second to 15 EN 60 60 60 60 60 60 60 60 60 60 60 60 60	to Cat 6A, Class to Cat 6A, Class o TIA/EIA-568-B.2. i. ass B3at, >- 1.000 buckles. erminal at the
	For wires of AWG Without claws.	24-22.	
	Mounting depth: Protection class (
metal clad	0218/12-101-50	7 2CKA000230A0	412 1/10

1) Suitable for cover plate 1803-02-xxx.



Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet 1) 2 x outlets, 8/8-pole

With down-leading outlet and LSA self-cutting clamps. Cat. 6 according to DIN EN 50173-1:2003-06, ISO/IEC 1180:2002, and TIA/EIA-568-B.2:2002.

Cat. 6a (Category 6 augmented) in accordance with TIA/EIA-TR 42.7.

Marking in accordance with EIA/TIA 568 A and B. Design according to IEC 60 603-7-2:2007. Up to 250 MHz on all pairs of wires.

Suitable for 10-Gigabit Ethernet.

With claw

0221/12-507

2CKA000230A0400

1) Suitable for cover plate 1803-02-xxx.



Flush-mounted assembly adapter

For the accommodation of one or two universal modules 0219.

For flush-mounted installation.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

Protection class (Device): IP 20

0219/12 2CKA000230A0395

Channel assembly adapter



For the accommodation of one or two universal modules 0219.

For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

Protection class (Device): IP 20

0219/13 2CKA000230A0396 1/10 Product Article-No. Order-No. Pack/Qty



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

white 0248/02-101 2CKA000230A0402 10/100

1) Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

2CKA000230A0464 alpine white 0248/04-101-500 10/100

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

anthracite 0248/05-101 2CKA000230A0404 10/100

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.



10

1/10

USB connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link mobile devices like e.g. printer, scanner, USBsticks or digital cameras etc.

USB-type A, USB 2.0 compatible.

For 5-wire USB- cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20 Mounting depth: 34 mm

white 0261/11-500 2CKA000230A0418

¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.

Data communication

Product	Article-No.	Order-No.	Pack/Qt
Product	VGA connection with screw-type Suitable for telep 2539-21x and 1760 between PCs and		elief cover plates video data ir digital
	Fully HD ready (19 For 15-wire VGA-offer trunk system underfloor system For easy installat radii the "Kaiser- 9062-74 is recom	220 x 1080 pixel). cables via srew-type ters, flush-mounted wall kns. ion and to follow the valectronic-wall-box" tymended. ite. Without claws. Device): IP 20	rminals. poxes and alid bending
white	0261/21-500	2CKA000230A0	424 1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.



HDMI connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.

HDMI-type A, 3D-compatible.

Fully HD ready (1920 x 1080 pixel).

For 20-wire HDMI-cables via srew-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

2CKA000230A0430

Without cover plate. Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

1) Please follow the recommendations of the ca	able and device producers for the ma	۹ ۱

HDMI cable lengths.



white

0261/31-500

For connection to a TV or FM co-axial aerial lead. Rated frequency: 5000 Hz - 860000 HzIEC 60169-2

white	1743-01-92-507	2CKA001724A4280	10/100
champagne	1743-01-93-507	2CKA001724A4310	10/100
alpine white	1743-01-94-507	2CKA001724A4276	10/100
château-black	1743-01-95-507	2CKA001724A4313	10
chalet-white	1743-01-96-507	2CKA001724A4317	10



Satellite co-axial outlets

2 connectors/dead-end feeder

Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

0230-101-507 2CKA000230A0380 10/100

Product	Article-No.	Order-No.	Pack/Qty



Antenna socket insert Radio/TV 2 connectors/loop through type

Broadband technology 5-2.400 MHz

For DVB-T, satellite and broad-band cable systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

0231-101 2CKA000230A0268 10/100



Satellite co-axial outlets Radio/TV/SAT

3gang dead-end feeder

Broadband technology 47-2.150 MHz. SAT connection designed as screwable F-male plug. with remote feed via F-bush

For DVB-T and broadband-cable-systems.

For analogue and digital transmission.

With claw.

Minimal installation depth, class A.

Protection class (Device): IP 20

0232-101-500 2CKA000230A0463 10/100



Terminating resistor

Protection class (Device): IP 20

0239 2CKA000230A0201



Modular-Jack insert

Cat. 5e non-shielded, 8 (8)-pole

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

10/100

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm2 (AWG 22).

0211/11-507 2CKA000225A0153 1/10



Modular-Jack insert

6-pole Cat. 3 (AMP-No. 216000-2)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22)

Protection class (Device): IP 20

0210 2CKA000225A0078 10



Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)

For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.

For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).

Protection class (Device): IP 20

0211 2CKA000225A0086 10

10/100

10/100

basic55®

Data communication

Universal module, RJ 45, cat. 6a iso, shielded ¹) 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Cat. 6A according to ISO/IEC 11801: 2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. For 8-pole plug RJ 45 only. Housing made from diecast zinc. With integrated dust-protection cap (can be removed if necessary). With insulation displacement connection For data cables with a diameter of 6-10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20	Product	Article-No.	Order-No.	Pack/Qty
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For trunk systems, flush-mounted wall boxes and underfloor systems.			•	
underfloor systems.				•
underfloor systems.		For trunk system	s, flush-mounted wall b	oxes and
<u> </u>		•		
		Protection class ((Device): IP 20	

1) With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx



metal clad

Mounting plate 1) 2)

with green insert

0219-101-507

For 2 modular jack inserts.

For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

2CKA000230A0414

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws. Protection class (Device): IP 20

2CKA001753A9974 1810-500 10/100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with red insert

For 2 modular jack inserts.

Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts

For Telegärtner AMJ/UMJ connection modules/ couplings. For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk.

Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm.

Without claws.

Protection class (Device): IP 20

1) Compatibility with other manufacturers not listed is to be checked in accordance

2CKA001753A9972

10/100

1812-500

Product Article-No. Order-No. Pack/Qty



Mounting plate 1) 2) with black insert

For MTRJ or 2 modular jack inserts.

For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks,

Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.

For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.

Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm. Without claws.

Protection class (Device): IP 20

1814-500 2CKA001753A9973

 $^{\mbox{\tiny 1)}}\mbox{Compatibility}$ with other manufacturers not listed is to be checked in accordance

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2)

with blue insert

For 2 modular jack inserts. For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45

Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.

Without claws.

Protection class (Device): IP 20

1816 2CKA001710A3100

²⁾ For further information, please refer on the Internet.



Mounting plate 1) 2) with orange base

For 2 modular jack inserts.

For system: LexCom 150 and LexCom 250. Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.

Without claws.

Protection class (Device): IP 20

patibility with other manufacturers not listed is to be checked in accordance

2CKA001753A8056

1819



Mounting plate 1) 2) with grey base

For 2 modular jack inserts.

For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules. Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws.

Protection class (Device): IP 20

1820 2CKA001753A8057 10/100

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

with specified snap-in dimensions

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions

¹⁾ Comp with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

Pack/Qty

basic55®

Product

Data communication

Article-No.

			. 40.0, 403	
·	ArtNo. 0213 (Cat	rsal data connection boxes. 3/ISDN), 0216-101, 0218/11 ogy) and comparable types	-101 (Cat	
	company Rutenbeck. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet.			
white	1803-92-507	2CKA001753A0098	10/100	
champagne	1803-93-507	2CKA001753A0204	10/100	
alpine white	1803-94-507	2CKA001753A0096	10/100	
château-black	1803-95-507	2CKA001753A0207	10	
chalet-white	1803-96-507	2CKA001753A0210	10	

Order-No.



Cover plate 2gang

As cover for universal data connection boxes. Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

Brand-Rex (WAEGV 8/8 EKR/EK).

AMP (NETCONNECT 5E).

BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).

cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet.

white	1803-02-92-507	2CKA001753A0097	10/100
champagne	1803-02-93-507	2CKA001753A0203	10/100
alpine white	1803-02-94-507	2CKA001753A0095	10/100
château-black	1803-02-95-507	2CKA001753A0206	10
chalet-white	1803-02-96-507	2CKA001753A0209	10



Cover plate

For telephone connection unit.
For USB, VGA, HDMI inserts and communication

adapter. USB power adapter insert 6472 U.

For loudspeaker connection box.

Suitable for part number 0248/0x-101.

For data modules.

Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).

white 2539-92-507 2CKA001724A4279 10 champagne 2539-93-507 2CKA001724A4312 10 2CKA001724A4275 alpine white 2539-94-507 10/100 2CKA001724A4315 château-black 2539-95-507 10 chalet-white 2539-96-507 2CKA001724A4318 10



Cover plate adapter ring

For telecommunication inserts with cover plate $50 \times 50 \text{ mm}$.

With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.

white	1746-92-507	2CKA001726A0221	10
champagne	1746-93-507	2CKA001726A0229	10
alpine white	1746-94-507	2CKA001726A0219	10
château-black	1746-95-507	2CKA001726A0231	10
chalet-white	1746-96-507	2CKA001726A0233	10





Cover plate

as cover for standard Radio/TV/SAT socket outlets With 3 connectors.

Radio/TV/SAT.
With M3 fixing screw.

white	1743-92-507	2CKA001724A4284	10/100
champagne	1743-93-507	2CKA001724A4311	10/100
alpine white	1743-94-507	2CKA001724A4283	10/100
château-black	1743-95-507	2CKA001724A4314	10
chalet-white	1743-96-507	2CKA001724A4316	10



Cover plate 1)

with metal mounting plate
As cover for flex outlet, for cords up to 10.3 mm

diameter.
With strain relief (without terminal block).

white	2527-92-507	2CKA001710A3773	10
champagne	2527-93-507	2CKA001710A3932	10
alpine white	2527-94-507	2CKA001710A3772	10
château-black	2527-95-507	2CKA001710A3936	10
chalet-white	2527-96-507	2CKA001710A3940	10

 $^{^{1)}}$ Cover plate can also be used individually as cover for telephone connector boxes (VDo).



Blank plate with metal mounting plate

white	2538-92-507	2CKA001715A0313	10
champagne	2538-93-507	2CKA001715A0314	10
alpine white	2538-94-507	2CKA001715A0312	10
château-black	2538-95-507	2CKA001715A0315	10
chalet-white	2538-96-507	2CKA001715A0316	10



Cover plate

As cover for flush-mounted light signal. For insert 2061/2661 U.

white	1756-92-507	2CKA001753A0099	10
champagne	1756-93-507	2CKA001753A0202	10
alpine white	1756-94-507	2CKA001753A0100	10
château-black	1756-95-507	2CKA001753A0205	10
chalet-white	1756-96-507	2CKA001753A0208	10

Data communication

Product	Article-No.	Order-No.	Pack/Qty



Cover plate

with metal mounting plate

For 1 modular jack.

Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws.

white	2561-92-507	2CKA001753A0211	10
champagne	2561-93-507	2CKA001753A0212	10
alpine white	2561-94-507	2CKA001753A0213	10
château-black	2561-95-507	2CKA001753A0214	10
chalet-white	2561-96-507	2CKA001753A0215	10



Cover plate 1) with labelling field

For modular jack with slide entrance.

To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.

Size of labelling field: 60 x 9 mm.

white	1800-92-507	2CKA001710A3944	10	
champagne	1800-93-507	2CKA001710A3941	10	
alpine white	1800-94-507	2CKA001710A3945	10	
château-black	1800-95-507	2CKA001710A3942	10	
chalet-white	1800-96-507	2CKA001710A3943	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
100	Busch-DigitalRa	dio 1) 2) 3) 4) 5)	
CHARLES .	RDS stereo radio	alarm clock for flush-m	ounted
	installation.		
	Reception freque	ency: 87.50 MHz - 108.00	MHz.
	With display and	background illuminatio	n.
No. of Concession, Name of Street, or other party of the last of t	With external AU	X input.	
	For mono/stered	operation.	
	8 radio stations	storable.	
	With time display	/.	
	With alarm funct	ion.	
	With automatic s	witch-off function (aut	omatic sleep
	mode).		
	With extension ir	put to remote-controlle	ed ON/OFF
	switches.		
	With integrated a	antenna.	
	With additional o	onnection for external a	antenna.
	Permitted speak	er impedance: 4 - 8 Ohn	า
	•	as 1gang and in multiple	
		30 V~, +10 % / -10 %	
	Rated frequency:		
	Protection class		
		ge (Device): 5 °C to 40 °	С
	•	W x D): 71 mm x 71 mm	
	Mounting depth:	•	

2CKA008200A0182

1/10

¹⁾ No claw. Screw-fixing via keyholes. ²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Multimedia / communication adapters

Product Article-No. Order-No. Pack/Qty Busch-Radio iNet 1) 2) 3) 4) WLAN Internet radio alarm clock for flush-mounted installation. For the reception of national and international radio stations via Internet. Radio station search possible via various genres. With high resolution graphic display and background illumination. With external AUX input. Integrated web-server for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm function. With short-time timer. With automatic switch-off function (automatic sleep mode). With extension input to remote-controlled ON/OFF switches. With integrated WLAN antenna. WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz). WLAN safety: WPA / WPA2.

Permitted speaker impedance: 4 - 8 Ohm Can be installed as 1gang and in multiple combinations.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

Mounting depth: 33 mm

APP

8216 U-500

2CKA008200A0153

1/10





Busch-Radio BTconnect 1) 2) 3) 4)

RDS stereo radio alarm clock for flush-mounted installation.

With Bluetooth interface for music replay of mobile

devices Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background

illumination. With external AUX input.

For mono/stereo operation.

8 radio stations storable.

With time and date display.

With alarm clock and snooze function.

With short-time timer.

With automatic switch-off function (automatic sleep mode).

With extension input to remote-controlled ON/OFF switches.

With integrated antenna.

With additional connection for external antenna.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 2.1

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm

Mounting depth: 32 mm



8217 U-500

2CKA008200A0194

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).



Busch Bluetooth receiver 1) 2) 3) 4)

Bluetooth interface for music replay of mobile devices. With integrated amplifier.

With external AUX input.

For mono/stereo operation.

Can be combined with the MDRC amplifier 8208.

Admissible loudspeaker impedance: 4 - 16 Ohm

Can be installed as 1gang and in multiple combinations.

Bluetooth specification: 4.0

Bluetooth profiles supported: A2DP

Number of stored Bluetooth connections: max. 8

Display elements: LED for status display.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm



8219 U

2CKA008200A0198 1/10

¹⁾ No claw. Screw-fixing via keyholes

²⁾ Matching loudspeaker insert 8223 U

Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁴⁾ To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 $\,$ > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	For Busch-Radio i For Busch-Radio I For Busch Blueto With broadband of With flat plug cor Incl. speaker conr Rated output: 2 W Frequency respor Impedance: 4 Ohi Protection class (Radio 8215 U/8216 U. Net 8216 U. BTconnect 8217 U. oth receiver 8219 U. characteristics. nector. nection cable. / (RMS) nse: 200 - 20,000 Hz n Device): IP 20, SELV	
	Mounting depth: 8223 U-500	32 mm 2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.



Busch-powerDock Insert 1) 2) 3) 4)

For charging and supplying mobile terminal devices. With quick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal device

Rated voltage: 100 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Suitable for: Apple terminal device

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV
Temperature range (Device): 5 °C to 35 °C
Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

6473 U-500 2CKA006400A0039 1/10

2) The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick chargeTM 2.0 standard.

³⁾ In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.



Busch-powerDock Charging cradle with Apple lightning connection 1)

For Busch-powerDock insert 6473 U.

For attaching mobile terminal devices with lightning connection.

For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8.

For iPhone 7 Plus, iPhone 7.

For iPhone SE.

For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.

For iPhone 5s, iPhone 5c, iPhone 5.

For iPod touch (6th generation), iPod touch (5th

generation), iPod nano (7th generation).

Suitable for use with protective covers certified by Apple.

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

2CKA006400A0081

1/10

1) Not released for use with the iPad.

6473-500

Product Article-No. Order-No. Pack/Qty



Busch-powerDock Charging cradle with USB-C

For Busch-powerDock insert 6473 U.
For attaching mobile terminal devices with USB-C connection.

Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm

6473/11-500 2CKA006400A0083 1/10



USB power adapter insert, flush-mounted 1) 2) 3) 4)

For supply and support of mobile devices via USB-cable.

With two USB type A outputs.

To support two devices at the same time.
With electronic short-circuit protection.

With electronic overload protection. Rated voltage: 100 - 230 $V\sim$, +10 % / -10 %

Secondary: 5 V-, +5 % / -5 %

Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used:

Rated current: 1400 mA

Suitable for: In case two output are used:

Rated current: 700 mA

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm 6472 U-500 2

2CKA006400A0002

¹) No claw. Screw-fixing via keyholes.

2) No data transfer.

 $^{3)}\mbox{For terminal devices}$ with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.



USB charging station insert 1) 2) 3)

For supply and support of mobile devices via USB-cable.

With micro USB connecting cable.

Connecting cable joined captive to insert.

Usable cable length (incl. micro USB plug) approx.

22 cm.

With electronic short-circuit protection.
With electronic overload protection.
Rated voltage: 100 - 230 V~, +10 % / -10 %
Secondary: 5 V-, +5 % / -5 %
Rated frequency: 50 Hz - 60 Hz

Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA

Protection class (Device): IP 20, SELV
Temperature range (Device): 5 °C to 40 °C
Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm

Mounting depth: 32 mm

6474 U-500 2CKA006400A0033 1/10

²⁾ No data transfer.

¹⁾ No claw. Screw-fixing via keyholes.

¹⁾ No claw. Screw-fixing via keyholes.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty	
	2539-21x and 1766-xxx To link high-definition e.g. SAT-receiver, DVD- LCD- or-LED-TVs/scre- HDMI-type A, 3D-comg Fully HD ready (1920 x For 20-wire HDMI-cabl For trunk systems, flu- underfloor systems. For easy installation a	inals and strain relief connection unit cover p. digital audio and video r/Blue-Ray-player to plasens. Datible. 1080 pixel). les via srew-type termina sh-mounted wall boxes and to follow the valid be ronic-wall-box" type 106 ded.	data from ma-type, als. and	
white	0261/31-500	2CKA000230A0430	1	
grey	0261/33-500	2CKA000230A0432	1	
alpine white	0261/32-500	2CKA000230A0431	1	
Please follow the recommendations of the cable and device producers for the max.				

¹⁾ Please follow the recommendations of the cable and device producers for the max HDMI cable lengths.



VGA connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link analogue video data between PCs and laptops to monitors or digital projectors etc.

VGA-type: D-type, 15-pole.

Fully HD ready (1920 x 1080 pixel).

For 15-wire VGA-cables via srew-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems.

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

alpine white	0261/22-500	2CKA000230A0425	1
grey	0261/23-500	2CKA000230A0426	1
white	0261/21-500	2CKA000230A0424	1

 $^{^{\}rm 1)}$ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

Product	Article-No.	Order-No.	Pack/Qty



USB connection unit 1)

with screw-type terminals and strain relief

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link mobile devices like e.g. printer, scanner, USBsticks or digital cameras etc.

USB-type A, USB 2.0 compatible.

For 5-wire USB- cables via srew-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems

 $under floor\ systems.$

For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended.

Without cover plate.

Without claws.

Protection class (Device): IP 20

Mounting depth: 34 mm

white	0261/11-500	2CKA000230A0418	1
grey	0261/13-500	2CKA000230A0420	1
alpine white	0261/12-500	2CKA000230A0419	1

 $^{^{\}rm 1)}$ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.



Communication adapter

for BNC-F Duct-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx

2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and

underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

alpine white	0262/12-500	2CKA000230A0437	1	
grey	0262/13-500	2CKA000230A0438	1	
white	0262/11-500	2CKA000230A0436	1	



F duct-jack

for communication adapter

For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver.

With screw-type terminals.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Protection class (Device): IP 20

metal clad **0262-500** 2CKA000230A0440 1



Communication adapter

for Cinch-jacks

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

white	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Cinch-jacks for communication To link analogue and amplifier and HiF- Audio-band 20Hz Marked white: aud With soldering tag Protection class (udio devices like audio-rece -sets. - 20kHz. dio , channel left. g.	iver,
alpine white	0263/04-500	2CKA000230A0451	1
	Cinch-jacks for communication To link analogue and HiF- Audio-band 20Hz Marked black: aud With soldering tag Protection class (udio devices like audio-rece -sets. - 20kHz. dio , channel left. g.	iver,
black	0263/05-500	2CKA000230A0452	1
-			1
	Cinch-jacks for communication To link analogue a amplifier and HiF- Audio-band 20Hz Marked red: audio With soldering tar	udio devices like audio-rece -sets. - 20kHz. o , channel left. g.	iver,



Protection class (Device): IP 20

Red 0263/06-500 2CKA000230A0453



Cinch-jacks

for communication adapter

For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.

Marked yellow: audio , channel left.

With soldering tag.

Protection class (Device): IP 20

0263/07-500 2CKA000230A0454 vellow



Communication adapter

for Mini-jacks 3,5mm.

Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To support 1 or 2 jacks.

For trunk systems, flush-mounted wall boxes and underfloor systems.

Without cover plate.

Without claws.

Protection class (Device): IP 20

				
alpine white	0264/12-500	2CKA000230A0459	1	
grey	0264/13-500	2CKA000230A0460	1	
white	0264/11-500	2CKA000230A0458	1	



Mini-jack 3,5 mm

for communication adapter

For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag.

Protection class (Device): IP 20

		,	
chrome gloss	0264-500	2CKA000230A0462	1





Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2. Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

white 0248/02-101 2CKA000230A0402 10/100

1) Suitable for cover telephone unit 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on the back).

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

Protection class (Device): IP 20

alpine white	0248/04-101-500	2CKA000230A0464	10/100

 $^{\mbox{\tiny 1)}}\mbox{Suitable}$ for cover telephone unit $\,$ 1766-xxx and 2539-21x.



Stereo loudspeaker connection box 1)

With screwless terminals (with screw-type terminals on

With 4 terminals.

Cable cross-section max. 10 mm2.

Polarity is indicated by color.

With claw.

Protection class (Device): IP 20

anthracite	0248/05-101	2CKA000230A0404	10/100

 $^{^{\}mbox{\tiny 1)}}\mbox{Suitable}$ for cover telephone unit $\,$ 1766-xxx and 2539-21x.



Cover plate

For Busch-DigitalRadio 8215 U/8216 U.

For Busch-Radio iNet.

For Busch-Radio BTconnect 8217 U.

white	8252-92-507	2CKA008200A0166	10
champagne	8252-93-507	2CKA008200A0157	10
alpine white	8252-94-507	2CKA008200A0169	10
château-black	8252-95-507	2CKA008200A0160	10
chalet-white	8252-96-507	2CKA008200A0163	10



Cover plate

For loudspeaker insert 8223 U.

white	8253-92-507	2CKA008200A0167	1/10
champagne	8253-93-507	2CKA008200A0158	1/10
alpine white	8253-94-507	2CKA008200A0170	1/10
château-black	8253-95-507	2CKA008200A0161	1/10
chalet-white	8253-96-507	2CKA008200A0164	1/10

Multimedia / communication adapters

Product Article-No. Order-No. Pack/Qty Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). white 2539-92-507 2CKA001724A4279 10

2CKA001724A4312

2CKA001724A4275

2CKA001724A4315

2CKA001724A4318

10/100

10

10



champagne

alpine white

château-black

chalet-white

Cover plate for Busch-powerDock

For Busch-powerDock charging cradle.

white	6477-92-507	2CKA006400A0050	10
alpine white	6477-94-507	2CKA006400A0052	10
champagne 1)	6477-93-507	2CKA006400A0053	10
château-black	6477-95-507	2CKA006400A0054	10
chalet-white	6477-96-507	2CKA006400A0055	10

¹⁾ Surface painted.



Cover plate

2539-93-507

2539-94-507

2539-95-507

2539-96-507

For USB charging station 6474 U.

With protective function against lateral slipping of the mobile telephone.

Suitable for devices with a maximum thickness of 18

With frontal mounting option of connecting cable.

white	6478-92-507	2CKA006400A0010	1
alpine white	6478-94-507	2CKA006400A0011	1



Cover plate

For Busch Bluetooth receiver 8219 U.

white	8255-92-507	2CKA008200A0205	1
champagne 1)	8255-93-507	2CKA008200A0208	1
alpine white	8255-94-507	2CKA008200A0207	1
château-black	8255-95-507	2CKA008200A0209	1
chalet-white	8255-96-507	2CKA008200A0210	1

¹⁾ Surface painted.

Room thermostats

Article-No.

Product

	Room thermostat, flush-mounted ¹) ²) ³) Switch contact opens when the set temperature is reached. With fixing claws. Separate terminal to activate nighttime mode and reduction of room temperature by 4K. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,		
	1094 U-500	2CKA001032A0512	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination w APBS in Dual Box only		

Order-No.

Pack/Qty

- 1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- $^{\mbox{\tiny 2)}}\mbox{Servo-valves,}$ "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3) Slide switch

With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9,

Rated current: 10 A

British Standard EN 60669-2-1

1/10

1095 U-500 2CKA001032A0514

Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.
2gang product	2gang combination with adapter plate

- 1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- $^{\mbox{\tiny 2)}}\mbox{Servo-valves,}$ "closed when de-energized", are necessary for connection to thermostat, e.g. Article No. 6164/10-, see KNX chapter.

³⁾ Switching temperature difference: ± 0.5 K.

1/10

basic55®

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
6	1gang 2way With fixing claws Class of tempera Contribution to s Rated voltage: 23 Rated current: 5	uture controller 1 space heating energy effic 30 V~ A ge (Device): 5°C to 30°CE	-
	1097 U-500	2CKA001032A0513	3 1/10
Mounting boxes:	35 mm deep flus or Dual Box 3070		
2gang product combinations:	2gang combinati APBS in Dual Box	ion with adapter plate only.	
Part 1, erect or B or 3060 wallbox ²⁾ Servo valves of "o controller. E.g. ar	usch-Jaeger No. 304 concrete)		allbox cavity wal



Room thermostat, flush-mounted 1) Remote sensor

With remote sensor and thermal feedback

For underfloor heating.

With built-in slide switch and control lamp for nightly reduction of 4 K

Switch contact opens when the set temperature is reached.

With fixing claws.

Remote sensor cable length: 4 m.

Sensor =NTC. 10 kilo-ohm at 25 degrees C.

Adjusting range: +10 to +50° C.

Connecting cable: 1mm² to 2.5 mm²

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 16 A, cos φ 1EN 60730-2-9, British

Standard EN 60669-2-1

1095 UF-507 2CKA001032A0498 1/10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall



Room thermostat, flush-mounted 1) 2) 3)

Change-over contact, setpoint indication, timer

With change-over contact.

Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week.

With fixing claws.

Automatic summer/wintertime switch-over

Power reserve > 10 hours.

To fit cover plate 6435-xxx.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~

Rated current: 10 A

Temperature range (Device): 5 °C to 30 °CEN 60730-2-9

1098 U-101

2CKA001032A0508

Product Article-No. Order-No. Pack/Qty



Room thermostat, flush-mounted 1) 2)

Change-over contact, setpoint indication, timer, remote sensor

With change-over contact.

Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week.

With fixing claws.

Automatic summer/wintertime switch-over

Remote sensor cable length: 4 m.

Sensor =NTC, 10 kilo-ohm at 25 degrees C.

Power reserve > 10 hours

To fit cover plate 6435-xxx.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 16 A

Temperature range (Device): 10 °C to 50 °CEN 60730-2-9

1098 UF-101 2CKA001032A0509

1) Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



Cover plate

for room thermostat

For room thermostats 1094 U, 1097 U.

white	1794-92-507	2CKA001710A3868	10
champagne	1794-93-507	2CKA001710A3930	10
alpine white	1794-94-507	2CKA001710A3866	10
château-black	1794-95-507	2CKA001710A3934	10
chalet-white	1794-96-507	2CKA001710A3938	10



Cover plate for room thermostat

With sliding switch for nightly room temperature

to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.

white	1795-92-507	2CKA001710A3869	10	
champagne	1795-93-507	2CKA001710A3931	10	
alpine white	1795-94-507	2CKA001710A3867	10	
château-black	1795-95-507	2CKA001710A3935	10	
chalet-white	1795-96-507	2CKA001710A3939	10	

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

³⁾ Switching temperature difference: ± 0.5 K.

château-black

chalet-white

1703-95-507

1703-96-507

basic55®

Accessories

Product	Article-No.	Order-No.	Pack/Qty
	Surface-mounting 1gang box Box for inserts an	3 box d cover plates with cover fra	ame.
white	1701-92-507	2CKA001799A0971	10
champagne	1701-93-507	2CKA001799A0962	10
alpine white	1701-94-507	2CKA001799A0974	10
château-black	1701-95-507	2CKA001799A0965	10
chalet-white	1701-96-507	2CKA001799A0968	10
	Surface-mounting 2gang box Box for inserts an	d cover plates with cover fra	ame.
white	2gang box		ame.
	2gang box Box for inserts an	d cover plates with cover fra	
champagne	2gang box Box for inserts an 1702-92-507	d cover plates with cover fra 2CKA001799A0972	1
champagne alpine white	2gang box Box for inserts an 1702-92-507 1702-93-507	d cover plates with cover fra 2CKA001799A0972 2CKA001799A0963	1 1
white champagne alpine white château-black chalet-white	2gang box Box for inserts an 1702-92-507 1702-93-507 1702-94-507	2CKA001799A0972 2CKA001799A0963 2CKA001799A0975	1 1 1
champagne alpine white château-black	2gang box Box for inserts an 1702-92-507 1702-93-507 1702-94-507 1702-95-507 1702-96-507 Surface-mounting 3gang box	2CKA001799A0972 2CKA001799A0963 2CKA001799A0975 2CKA001799A0966 2CKA001799A0969	1 1 1 1
champagne alpine white château-black	2gang box Box for inserts an 1702-92-507 1702-93-507 1702-94-507 1702-95-507 1702-96-507 Surface-mounting 3gang box	2CKA001799A0972 2CKA001799A0963 2CKA001799A0975 2CKA001799A0966 2CKA001799A0969	1 1 1 1
champagne alpine white château-black chalet-white	2gang box Box for inserts an 1702-92-507 1702-93-507 1702-94-507 1702-95-507 Surface-mounting 3gang box Box for inserts an	2CKA001799A0972 2CKA001799A0963 2CKA001799A0966 2CKA001799A0966 2CKA001799A0969	1 1 1 1 1

2CKA001799A0967

2CKA001799A0970

Cover frames

chalet-white

foyer-red

bistro-blue

maison-beige

2513-96-507

2513-97-507

2513-98-507

2513-99-507

2CKA001725A1513

2CKA001725A1518

2CKA001725A1523

2CKA001725A1528

10

10

10

10/100

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame with o	decorative styling frame	
entrée-grey	2511-91-507	2CKA001725A1531	10/100
white	2511-92-507	2CKA001725A1484	10/100
champagne	2511-93-507	2CKA001725A1501	10/100
alpine white	2511-94-507	2CKA001725A1479	10/100
château-black	2511-95-507	2CKA001725A1506	10/100
chalet-white	2511-96-507	2CKA001725A1511	10/100
foyer-red	2511-97-507	2CKA001725A1516	10/100
bistro-blue	2511-98-507	2CKA001725A1521	10/100
maison-beige	2511-99-507	2CKA001725A1526	10/100
antráa-arav	2512-91-507	2CK A001725A1532	10/100
entrée-grey	2512-91-507	2CKA001725A1532	10/100
white	2512-92-507	2CKA001725A1485	10/100
white champagne	2512-92-507 2512-93-507	2CKA001725A1485 2CKA001725A1502	10/100 10/100
white champagne alpine white	2512-92-507 2512-93-507 2512-94-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480	10/100 10/100 10/100
white champagne alpine white château-black	2512-92-507 2512-93-507 2512-94-507 2512-95-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507	10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512	10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black	2512-92-507 2512-93-507 2512-94-507 2512-95-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507	10/100 10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white foyer-red bistro-blue	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507 2512-97-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512 2CKA001725A1517	10/100 10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white foyer-red	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507 2512-97-507 2512-98-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512 2CKA001725A1517 2CKA001725A1522	10/100 10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white foyer-red bistro-blue	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507 2512-97-507 2512-98-507 2512-99-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512 2CKA001725A1517 2CKA001725A1522 2CKA001725A1527 decorative styling frame	10/100 10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white foyer-red bistro-blue	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507 2512-97-507 2512-98-507 2512-99-507	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512 2CKA001725A1517 2CKA001725A1522 2CKA001725A1527 decorative styling frame	10/100 10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white foyer-red bistro-blue maison-beige	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507 2512-97-507 2512-98-507 2512-99-507 Cover frame with a 3gang frame For vertical or horion	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512 2CKA001725A1517 2CKA001725A1522 2CKA001725A1527 decorative styling frame zontal installation.	10/100 10/100 10/100 10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white foyer-red bistro-blue maison-beige	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507 2512-97-507 2512-98-507 2512-99-507 Cover frame with a 3gang frame For vertical or horion	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512 2CKA001725A1517 2CKA001725A1522 2CKA001725A1527 decorative styling frame zontal installation. 2CKA001725A1533	10/100 10/100 10/100 10/100 10/100 10/100 10/100 10/100
white champagne alpine white château-black chalet-white foyer-red bistro-blue maison-beige entrée-grey white	2512-92-507 2512-93-507 2512-94-507 2512-95-507 2512-96-507 2512-97-507 2512-98-507 2512-99-507 Cover frame with a 3gang frame For vertical or horions	2CKA001725A1485 2CKA001725A1502 2CKA001725A1480 2CKA001725A1507 2CKA001725A1512 2CKA001725A1517 2CKA001725A1522 2CKA001725A1527 decorative styling frame zontal installation. 2CKA001725A1533 2CKA001725A1486	10/100 10/100 10/100 10/100 10/100 10/100 10/100 10/100

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
0000	4gang frame	decorative styling frame izontal installation.	
entrée-grey	2514-91-507	2CKA001725A1534	10
white	2514-92-507	2CKA001725A1487	10
champagne	2514-93-507	2CKA001725A1504	1
alpine white	2514-94-507	2CKA001725A1482	10
château-black	2514-95-507	2CKA001725A1509	10
chalet-white	2514-96-507	2CKA001725A1514	10
foyer-red	2514-97-507	2CKA001725A1519	10
bistro-blue	2514-98-507	2CKA001725A1524	10
maison-beige	2514-99-507	2CKA001725A1529	10
	5gang frame	decorative styling frame izontal installation.	
entrée-grey	2515-91-507	2CKA001725A1535	10
white	2515-92-507	2CKA001725A1488	10
champagne	2515-93-507	2CKA001725A1505	1
alpine white	2515-94-507	2CKA001725A1483	10



chalet-white

foyer-red

bistro-blue

maison-beige

Decorative styling frame

2515-96-507

2515-97-507

2515-98-507

2515-99-507

For styling frames 2511-9x-507, 2512-9x-507, 2513-9x-507, 2514-9x-507, 2515-9x-507

2CKA001725A1515

2CKA001725A1520

2CKA001725A1525

2CKA001725A1530

10

10

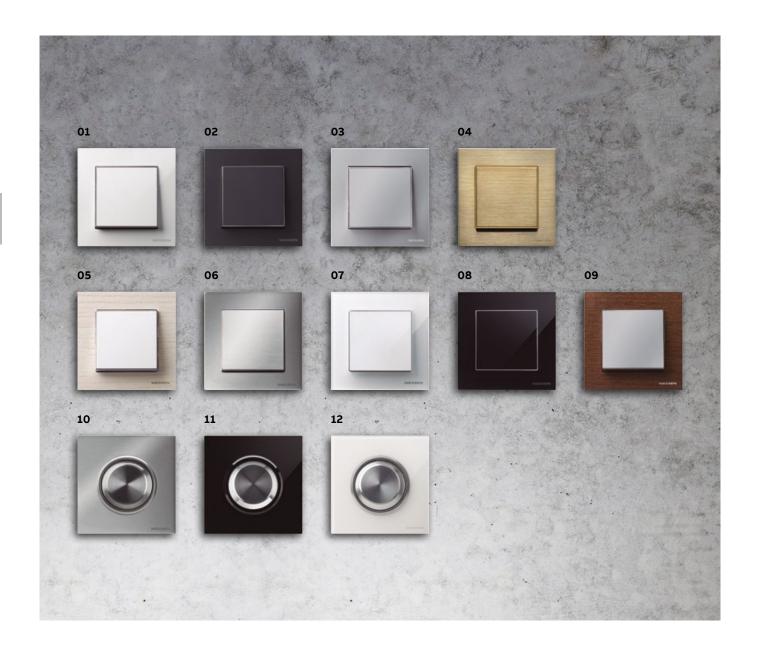
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10

2516-92-507	2CKA001726A0220	10/100
2516-93-507	2CKA001726A0230	10/100
2516-94-507	2CKA001726A0218	10/100
2516-95-507	2CKA001726A0232	10/100
2516-96-507	2CKA001726A0234	10/100
2516-901-507	2CKA001726A0222	10/100
2516-902-507	2CKA001726A0223	10/100
2516-903-507	2CKA001726A0224	10/100
2516-904-507	2CKA001726A0225	10/100
2516-905-507	2CKA001726A0226	10/100
2516-906-507	2CKA001726A0227	10/100
2516-907-507	2CKA001726A0228	10/100
	2516-93-507 2516-94-507 2516-95-507 2516-96-507 2516-901-507 2516-902-507 2516-903-507 2516-905-507 2516-906-507	2516-93-507 2CKA001726A0230 2516-94-507 2CKA001726A0218 2516-95-507 2CKA001726A0232 2516-96-507 2CKA001726A0234 2516-901-507 2CKA001726A0222 2516-902-507 2CKA001726A0223 2516-903-507 2CKA001726A0224 2516-904-507 2CKA001726A0225 2516-905-507 2CKA001726A0226 2516-906-507 2CKA001726A0227

Touch your imagination.

A light switch range offering a minimalistic design. Very slim and balanced. Distinct materials like glass, stainless steel, ash wood or more modest options; all guaranteeing quality. An object of desire, a jewel to decorate the most exclusive of environments. Feel special every day, feel the sky in your hands with Niessen switches.



05 ash frame - white switch

01 soft white 06 stainless steel

07 white glass

03 silver 08 black glass

02 soft black

04 antic gold

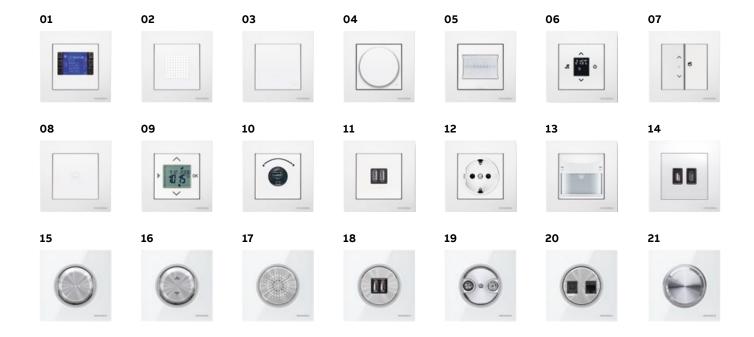
09 natural wenge frame - silver switch

10 stainless steel frame - chrome switch

11 black glass frame - chrome switch

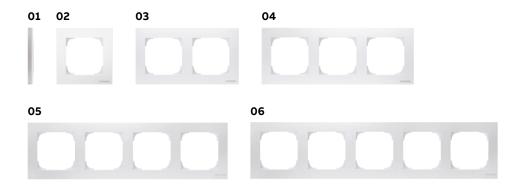
12 white glass frame - chrome switch

Selected functions.



- 01 Stand-alone FM radio and alarm
- 02 Loudspeaker 2"
- 03 Universal push dimmer
- 04 LED rotary dimmer
- 05 ABB-free@home® movement detector
- 06 ABB-free@home® room thermostat
- 07 ABB-free@home® sensors

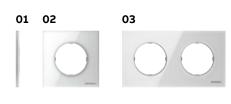
- 08 Card switch
- 09 Digital timer control
- 10 2-way key switch 2 positions
- 11 USB charger outlet
- 12 SCHUKO® socket outlet with lamp
- 13 Movement detector
- 14 VDI connectors (HDMI+USB)
- 15 1-gang, 1-way single pole switch with lamp
- L6 Electronic blind control
- 17 Multiple melody doorbell
- 18 USB charger outlet
- 19 TV-FM & satellite outlet
- 20 Telephone and/or data outlet
- 21 LED rotary dimmer



Sky Niessen

1- to 5-gang cover frame

- 01 Side view, 8,5 x 86 mm
- 02 86 x 86 mm
- 03 86 x 157 mm
- 04 86 x 228 mm
- 05 84 mm x 299 mm
- 06 84mm x 370mm



04

Skymoon

1- to 3-gang cover frame

01 Side view, 6,4 x 86 mm

02 86 x 86 mm

03 86 x 157 mm

04 86 x 228 mm



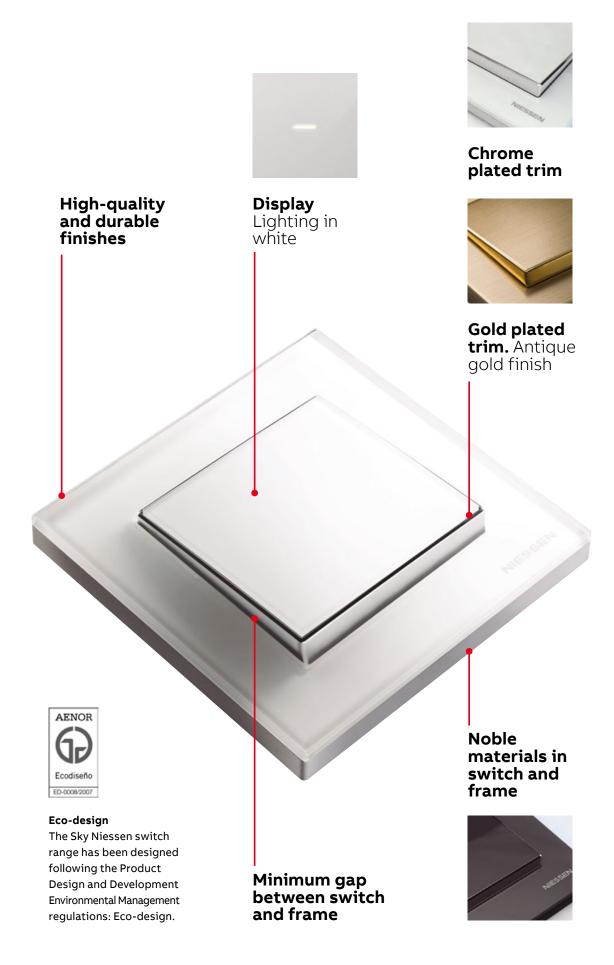
For more information about light switch ranges visit ABB global web sites.

Slim, balanced, perfect.

At just 8.5 mm thick, Sky Niessen barely protrudes from the wall. Thanks to the use of subtle components, with Sky Niessen you will achieve a visual perception of perfection in the decoration of any room.



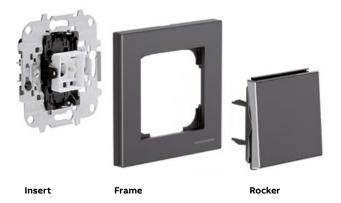
Maximum slimness 8.5 mm



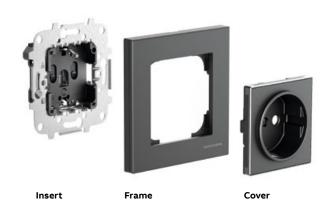
Sky Niessen series

With Sky Niessen you can offer a higher level of design in your reform projects. Quick and easy, as it perfectly adapts to other installations done with Niessen. The use of Niessen's luxury insert facilitates the installation and renovation of each room.

Switch composition



Socket composition



Characteristics

- 250 V~
- 10 AX / 16 AX
- IP21
- CE Compliance Declaration pursuant to:
- Low Voltage Directive 2006/95/CE
- European Directive RoHS 2011/65/EU
- IEC 60669-1
- UNE-EN 60669-1
- UNE 20324-REBT-BT27 IP21
- AENOR certified product pursuant to:
 - UNE-EN 60669-1
- UNE-EN 60669-1/A1
- UNE-EN 60669-1/A2

Characteristics

- 250 V~
- 16 A
- IP2:
- Compliant with standards:
- European Directive RoHS 2011/65/EU
- IEC 60884-1
- UNE-EN 20315
- UNE 20324-REBT-BT27 IP21
- AENOR certified product pursuant to:
 - UNE 20315-1-1

1-way switches

Product	Article-No.	Order-No.	Pack/Qty
) - 250 Vac. AX. als.).
	8101	2CLA810100A1001	10

2-way switches

Product	Article-No.	Order-No.	Pack/Qty	
	Rated voltage: 11 Rated current: 10 Screwless termin Included: fixing c Optional: locator	Switch 1-gang, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.		
	8102	2CLA810200A1001	10	



Switch 1-gang, 2-way, single pole 16A Rated voltage: 110 - 250 Vac.

Rated voltage: 110 - 250 Vac.
Rated current: 16 AX.
Screwless terminals.
Included: fixing claws.
Optional: locator LED lamp 6192 BL (230 Vac).

Rocker code: 8501, 8501.2, 8501.3 & 8501.4.

8102.1 2CLA810210A1001 10

Intermediate switches

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 1 Rated current: 10 Screwless termi Included: fixing Optional: locato	O AX. nals.	
	8110	2CLA811000A1001	10

Double pole switches

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 16 Screwless termin Included: fixing c Optional: locator/	AX. als.	(230 Vac).
	8101.1	2CLA810110A1001	10



Switch 1-gang, 1-way, double pole Rated voltage: 110 - 250 Vac.

Rated current: 10 AX. Screwless terminals. Included: fixing claws.

Optional: locator/indicator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.

8101.2 2CLA810120A1001 10

Switches with indicator lamp

Product	Article-No.	Order-No.	Pack/Qty
		0 - 250 Vac. AX. Ials. claws. n (neutral conductor requi) or LED lamp 6192 BL (230 \	•
	8101.5	2CLA810150A1001	10



Switch 1-gang, 2-way, single pole

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws.

4 wire connection (neutral conductor required). Indicator: indicator LED lamp 6192 BL (230 Vac).

Rocker code: 8501.3 & 8501.4.

102.5 2CLA810250A1001 10

Push-buttons

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 10 NO: Normally Op Screwless termin Included: fixing of Optional: locator	AX. en. als.	
	8104	2CLA810400A1001	10



Push-button 1-gang, SP, NO w/ locator lamp

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. NO: Normally Open. Screwless terminals. Included: fixing claws.

3 wire connection (neutral conductor required). Included: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501.3, 8504.3 & 8504.4.

8104.5 2CLA810450A1001 10



Push-button 1-gang, single pole, NC

Rated voltage: 110 - 250 Vac. Rated current: 10AX. NC: normally closed. Screwless terminals. Included: fixing claws.

Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.3, 8504, 8504.2, 8504.3 & 8504.4.

8104.9 2CLA810490A1001 5

Rockers for switches and push-buttons

Color Article-No. Order-No. Pack/Qty Rocker for switch, 1-gang Rocker for switches code: 8101, 8101.1, 8101.2, 8102, 8102.1 & 8110. Soft White 8501 BL 2CLA850100A1101 Silver 8501 PL 2CLA850100A1301 20 Soft Black 8501 NS 2CLA850100A1501 Stainless Steel 8501 AI 2CLA850100A1401 20 Antique Gold 8501 OE 2CLA850100A1201 20 White Glass 8501 CB 2CLA850100A2101 10 Black Glass 8501 CN 2CLA850100A2501 10



Rocker with On/Off symbol, 1-gang

Rocker for switches code: 8101, 8101.1, 8101.2, 8102, 8102.1 & 8110.

Soft White	8501.2 BL	2CLA850120A1101	5	
Silver	8501.2 PL	2CLA850120A1301	5	
Soft Black	8501.2 NS	2CLA850120A1501	5	
Stainless Steel	8501.2 AI	2CLA850120A1401	5	
Antique Gold	8501.2 OE	2CLA850120A1201	5	



Rocker for switch with lens, 1-gang

Rocker for switches code: 8101, 8101.1, 8101.2, 8101.5, 8102, 8102.1, 8102.5 & 8110.

Soft White	8501.3 BL	2CLA850130A1101	10
Silver	8501.3 PL	2CLA850130A1301	10
Soft Black	8501.3 NS	2CLA850130A1501	10
Stainless Steel	8501.3 AI	2CLA850130A1401	10
Antique Gold	8501.3 OE	2CLA850130A1201	10
White Glass	8501.3 CB	2CLA850130A2101	5
Black Glass	8501.3 CN	2CLA850130A2501	5



Rocker with lens & On/Off symbol, 1-gang

Rocker for switches code: 8101, 8101.1, 8101.2, 8101.5, 8102, 8102.1, 8102.5 & 8110.

Soft White	8501.4 BL	2CLA850140A1101	5
Silver	8501.4 PL	2CLA850140A1301	5
Soft Black	8501.4 NS	2CLA850140A1501	5
Stainless Steel	8501.4 AI	2CLA850140A1401	5
Antique Gold	8501.4 OE	2CLA850140A1201	5

Rockers with symbols

Color	Article-No.	Order-No.	Pack/Qty			
·	Rocker with bell symbol, 1-gang Rocker for push-buttons code: 8104 & 8104.9.					
Soft White	8504 BL	2CLA850400A1101	10			
Silver	8504 PL	2CLA850400A1301	10			
Soft Black	8504 NS	2CLA850400A1501	10			
Stainless Steel	8504 AI	2CLA850400A1401	10			
Antique Gold	8504 OE	2CLA850400A1201	10			



Rocker with light symbol, 1-gang

Rocker for push-buttons code: 8104 & 8104.9.

Soft White	8504.2 BL	2CLA850420A1101	10
Silver	8504.2 PL	2CLA850420A1301	10
Soft Black	8504.2 NS	2CLA850420A1501	10
Stainless Steel	8504.2 AI	2CLA850420A1401	10
Antique Gold	8504.2 OE	2CLA850420A1201	10



Rocker with bell symbol & lens, 1-gang

Rocker for push-buttons code: 8104, 8104.5 & 8104.9.

Soft White	8504.3 BL	2CLA850430A1101	5
Silver	8504.3 PL	2CLA850430A1301	5
Soft Black	8504.3 NS	2CLA850430A1501	5
Stainless Steel	8504.3 AI	2CLA850430A1401	5
Antique Gold	8504.3 OE	2CLA850430A1201	5



Rocker with light symbol & lens, 1-gang

Rocker for push-buttons code: 8104, 8104.5 & 8104.9.

Soft White	8504.4 BL	2CLA850440A1101	5
Silver	8504.4 PL	2CLA850440A1301	5
Soft Black	8504.4 NS	2CLA850440A1501	5
Stainless Steel	8504.4 AI	2CLA850440A1401	5
Antique Gold	8504.4 OE	2CLA850440A1201	5

Indicator / locator LED lamp

Product	Article-No.	Order-No.	Pack/Qty
	For 81XX inserts. Lamp: white LED. Long life cycle. Two functions: in Power consumpt	dicator or locator light.	
	6192 BL	2CLA819202A1001	10

2-gang switches & push-buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 2-gangs, Rated voltage: 11 Rated current: 10 Screwless termin Included: fixing c Rocker code: 851	AX. als. laws.	
	8111	2CLA811100A1001	10



Switch 2-gangs, 2-way, single pole

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8511.

8122 2CLA812200A1001 10



Push-button 2-gangs, single pole, NO

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Without interlock. Included: fixing claws. Rocker code: 8511.

8144.2 2CLA814420A1001 10



Rocker for switch/push-button, 2-gangs Rocker for switch/push-buttons code:

Rocker for switch/push-buttons code: 8111, 8122, 8144.2 & 8142.

Soft White	8511 BL	2CLA851100A1101	20
Silver	8511 PL	2CLA851100A1301	20
Soft Black	8511 NS	2CLA851100A1501	20
Stainless Steel	8511 AI	2CLA851100A1401	20
Antique Gold	8511 OE	2CLA851100A1201	20
White Glass	8511 CB	2CLA851100A2101	10
Black Glass	8511 CN	2CLA851100A2501	10



Switch 2-way + push-button 1-way NO, SP

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8511 & 8542.

8142 2CLA814200A1001 10



Rocker for switch + push-button, 2-gangs

Rocker for switch + push-buttons code: 8142.

Soft White	8542 BL	2CLA854200A1101	5	
Silver	8542 PL	2CLA854200A1301	5	
Soft Black	8542 NS	2CLA854200A1501	5	
Stainless Steel	8542 AI	2CLA854200A1401	5	
Antique Gold	8542 OE	2CLA854200A1201	5	

Card switches

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 10 For 54mm width Included: fixing o	AX. cards. :laws. LED lamp 6192 BL (230 Vac)).
	8114	2CLA811400A1001	10



Card switch 1-gang, 1-way, double pole 16A

Rated voltage: 110 - 250 Vac. Rated current: 16 AX. For 54mm width cards. Included: fixing claws.

Included: locator LED lamp 6192 BL (230 Vac).

Cover plate code: 8514.

8114.1 2CLA811410A1001 10



Card switch 1-gang, 2-way, double pole

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. For 54mm width cards. Included: fixing claws.

Included: locator LED lamp 6192 BL (230 Vac).

Cover plate code: 8514.

8114.2 2CLA811420A1001 10



Card switch 1-gang, 1-way, SP w/ time delay

Rated voltage: 110 - 250 Vac ; 50 / 60 Hz.

Rated current:

- Incandescent/halogen: 3.000W@230Vac /
- 1.600W@127Vac.
- Fluorescent: 1.300VA@230Vac / 700VA@127Vac.
- Electronic and ferromag. transf. and motors: 3.000VA@230Vac / 1.600VA@127Vac.

3 wire connection (neutral conductor required).

For 54 mm. width cards. Locator LED lamp included.

Time delayed switch: 5 - 90 seconds.

Cover plate code: 8514.

3114.5 2CLA811450A1001 1



Cover plate for card switch with lens

Cover plate for card switch code: 8114, 8114.1, 8114.2 & 8114.5.

Soft White	8514 BL	2CLA851400A1101	10
Silver	8514 PL	2CLA851400A1301	10
Soft Black	8514 NS	2CLA851400A1501	10
Stainless Steel	8514 AI	2CLA851400A1401	10
Antique Gold	8514 OE	2CLA851400A1201	10

Key switches

Product	Article-No.	Order-No.	Pack/Qty
6	Key switch 1-way Rated voltage: 11 Rated current: 5 A Key removable in Unique key for ea Suitable for alarn Cover plate code:	A. the 2 positions. ach lock. ns.	
	8153	201 481530041001	1



Key push button 1-way, 2 positions, SP

Rated voltage: 110 - 250 Vac. Rated current: 5 A. Key removable in "OFF" position. Unique key for each lock. Suitable for alarms. Cover plate code: 8553.

8153.2 2CLA815320A1001



Cover plate for 2 position key switch

Cover plate for key switch code: 8153 & 8153.2.

Soft White	8553 BL	2CLA855300A1101	1
Silver	8553 PL	2CLA855300A1301	1
Soft Black	8553 NS	2CLA855300A1501	1
Stainless Steel	8553 AI	2CLA855300A1401	1
Antique Gold	8553 OE	2CLA855300A1201	1



Key switch 2-way, 3 positions, single pole Rated voltage: 110 - 250 Vac.

Rated current: 150 mA. Key removable in "OFF" position. Unique key for each lock. Suitable for blinds, shutters, etc. Cover plate code: 8553.1.

8153.1 2CLA815310A1001



Cover plate for 3 position key switch

Cover plate for key switch code: 8153.1.

Soft White	8553.1 BL	2CLA855310A1101	1
Silver	8553.1 PL	2CLA855310A1301	1
Soft Black	8553.1 NS	2CLA855310A1501	1
Stainless Steel	8553.1 AI	2CLA855310A1401	1
Antique Gold	8553.1 OE	2CLA855310A1201	1

Blind controls

Product	Article-No.	Order-No.	Pack/Qty
	Push-button blin Rated voltage: 11 Rated current: 10 Direct control. Interlocked gang Included: fixing c Rocker code: 854	AX. s. laws.	
	8144	2CLA814400A1001	10



Switch blind control 2-gangs

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Direct control. Interlocked gangs. Included: fixing claws. Rocker code: 8544.

8144.1 2CLA814410A1001



Rocker for blind switch/push-button

Rocker for blind switch/push-button code: 8144 & 8144.1.

Soft White	8544 BL	2CLA854400A1101	10
Silver	8544 PL	2CLA854400A1301	10
Soft Black	8544 NS	2CLA854400A1501	10
Stainless Steel	8544 AI	2CLA854400A1401	10
Antique Gold	8544 OE	2CLA854400A1201	10
White Glass	8544 CB	2CLA854400A2101	5
Black Glass	8544 CN	2CLA854400A2501	5



Electronic blind control 1-gang Rated voltage: 110 - 250 Vac; 50 / 60 Hz. Rated current: 700VA@230Vac / 350VA@127Vac. Direct control.

Functions:

- PERS: standard blinds control. Optionally other 8144 inserts can be connected to the 8130.3 to control the blind from other locations.

- LAM: venetian type blinds control. Optionally other 8144 inserts can be connected to the 8130.3 to control the blind from other locations.

- Centralization (CEN): one 8130.3 can control all the 8130.3 of a line centrally. Included: fixing claws.

Electronic rocker code: 8530.

8130.3	2CLA813030A1001	1	
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Electronic rocker for blind control

Electronic rocker for blind control code: 8130.3.

Soft White	8530 BL	2CLA853000A1101	1
Silver	8530 PL	2CLA853000A1301	1
Soft Black	8530 NS	2CLA853000A1501	1
Stainless Steel	8530 AI	2CLA853000A1401	1
Antique Gold	8530 OE	2CLA853000A1201	1

Pullcord switches

Product	Article-No.	Order-No.	Pack/Qty
	Pullcord switch 1 Rated voltage: 11 Rated current: 16 Screwless termin Included: fixing of Cord length: 2 mg Cover plate code	A. als. laws. eters.	
	8148	2CLA814800A1001	5
	Cover for pull co Cover plate for p	rd switch ullcord switch code: 8148.	

Soft White	8507 BL	2CLA850700A1101	10
Silver	8507 PL	2CLA850700A1301	10
Soft Black	8507 NS	2CLA850700A1501	10
Stainless Steel	8507 AI	2CLA850700A1401	10
Antique Gold	8507 OE	2CLA850700A1201	10

Schuko socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Schuko socket or Rated voltage: 25 Rated current: 16 Type F: 2P + E. Shuttered for chi Screw terminals. Without fixing claws Cover plate code:	0 Vac. A. Id safety. aws code: 8188. code: 8188.5.	
	8188	2CLA818800A1001	10
	8188.5	2CLA818850A1001	10



Schuko socket outlet screwless connection

Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screwless terminals. Without fixing claws. Cover plate code: 8588.

8188.6 2CLA818860A1001 10	8188.6	2CLA818860A1001	10	
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Cover plate for Schuko socket outlet

Cover plate for Schuko socket outlet code: 8188, 8188.5 & 8188.6.

Black Glass	8588 CN	2CLA858800A2501	LO
White Glass	8588 CB	2CLA858800A2101	LO
Antique Gold	8588 OE	2CLA858800A1201	20
Stainless Steel	8588 AI	2CLA858800A1401 2	20
Soft Black	8588 NS	2CLA858800A1501	20
Silver	8588 PL	2CLA858800A1301	20
Soft White	8588 BL	2CLA858800A1101 2	20



Cover plate for Schuko socket outlet

Suitable to identify special circuits. Cover plate for Schuko socket outlet code: 8188, 8188.5 & 8188.6.

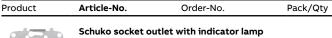
Orange	8588 NA	2CLA858800A9001	5
Green	8588 VD	2CLA858800A8001	5
Red	8588 RJ	2CLA858800A7001	5



Cover plate for Schuko socket outlet w/lid

Cover plate for Schuko socket outlet code: 8188, 8188.5 & 8188.6.

Soft White	8588.1 BL	2CLA858810A1101	10
Silver	8588.1 PL	2CLA858810A1301	10
Soft Black	8588.1 NS	2CLA858810A1501	10
Stainless Steel	8588.1 AI	2CLA858810A1401	5
Antique Gold	8588.1 OE	2CLA858810A1201	5





Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screw terminals. Without fixing claws. Included: indicator LED lamp. Cover plate code: 8588.8

8188.8	2CLA818880A1001	5



Cover plate for Schuko socket outlet w/ lens

Cover plate for Schuko socket outlet code: 8188.8.

Soft White	8588.8 BL	2CLA858880A1101	10
Silver	8588.8 PL	2CLA858880A1301	10
Soft Black	8588.8 NS	2CLA858880A1501	10
Stainless Steel	8588.8 AI	2CLA858880A1401	10
Antique Gold	8588.8 OE	2CLA858880A1201	10



Schuko socket outlet for plain covers

Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screw terminals. Without fixing claws. Cover plate code: 8588.9.

8188.9 2CLA818890A1001 10	8188.9	2CLA818890A1001	10
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Flat cover plate for Schuko socket outlet

Cover plate for Schuko socket outlet code: 8188.9.

Soft White	8588.9 BL	2CLA858890A1101	20
Silver	8588.9 PL	2CLA858890A1301	20
Soft Black	8588.9 NS	2CLA858890A1501	20
Stainless Steel	8588.9 AI	2CLA858890A1401	20
Antique Gold	8588.9 OE	2CLA858890A1201	20
White Glass	8588.9 CB	2CLA858890A2101	10
Black Glass	8588.9 CN	2CLA858890A2501	10

Schuko socket outlets

8188.3

Product Arti	cle-No.	Order-No.	Pack/Qty
Schi Rate Rate Typ Shur USB Out Out Pow Enei Ope Ove LED Scre With	uko soclet ou ed voltage: 29 ed current: 16 e F: 2P + E ttered for ch charger typ put voltage: put current: 2 er consumpt rgy efficiency	50 Vac 5A ild safety e A: 5 Vdc ±5%. 2.000 mA. tion in stand-by: <= 0,01 y: >= 79%. erature: 0°C to 45°C* tion aws	,



Cover plate for Schuko socket outlet + USB charger Cover plate for Schuko socket outlet + USB charger 2x 200 mA, 2 outlets code: 8188.3

2CLA818830A1001

Soft White	8188.3 BL	2CLA818830A1101	1
Silver	8188.3 PL	2CLA818830A1301	1
Soft Black	8188.3 NS	2CLA818830A1501	1
Stainless Steel	8188.3 AI	2CLA818830A1401	1
Antique Gold	8188.3 OE	2CLA818830A1201	1

French / earth-pin socket outlets

Product	Article-No.	Order-No.	Pack/Qty
R R T S S S II	French/Earth-pir Rated voltage: 25 Rated current: 16 Type E: 2P + E. Shuttered for chil Screw terminals. Included: fixing c Cover plate code:	0 Vac. A. Id safety. Iaws.	
	8187	2CLA818700A1001	10
	-		



Cover plate for French socket outlet

Cover plate for Schuko socket outlet code: 8187.

Soft White	8587 BL	2CLA858700A1101	20
Silver	8587 PL	2CLA858700A1301	20
Soft Black	8587 NS	2CLA858700A1501	20
Stainless Steel	8587 AI	2CLA858700A1401	20
Antique Gold	8587 OE	2CLA858700A1201	20



French/Earth-pin socket outlet for plain covers

Rated voltage: 250 Vac. Rated current: 16 A. Type E: 2P + E. Shuttered for child safety. Screwless terminals. Included: fixing claws. Cover plate code: 8587.9.

2CLA818790A1001 10



Flat cover plate for French socket outlet

Cover plate for French / earth-pin socket outlet code: 8187.9.

Soft White	8587.9 BL	2CLA858790A1101	10	
Silver	8587.9 PL	2CLA858790A1301	10	
Soft Black	8587.9 NS	2CLA858790A1501	10	
Stainless Steel	8587.9 AI	2CLA858790A1401	10	
Antique Gold	8587.9 OE	2CLA858790A1201	10	
White Glass	8587.9 CB	2CLA858790A2101	10	
Black Glass	8587.9 CN	2CLA858790A2501	10	

Push-buttons

Product	Article-No.	Order-No.	Pack/Qty
	8538.	5 / 250 Vac. / 16 A. + E. Id safety.	



8139

Cover plate for Euroamerican socket outlet

Cover plate with Euroamerican type figure for universal socket outlet code: 8139.

2CLA813900A1001

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Soft White	8538 BL	2CLA853800A1101	10
Silver	8538 PL	2CLA853800A1301	10
Soft Black	8538 NS	2CLA853800A1501	10
Stainless Steel	8538 AI	2CLA853800A1401	10
Antique Gold	8538 OE	2CLA853800A1201	10



Cover plate for Universal socket outlet

Cover plate with universal type figure for universal socket outlet code: 8139.

Soft White	8539 BL	2CLA853900A1101	10
Silver	8539 PL	2CLA853900A1301	10
Soft Black	8539 NS	2CLA853900A1501	10
Stainless Steel	8539 AI	2CLA853900A1401	10
Antique Gold	8539 OE	2CLA853900A1201	10



British standard socket outlet - 2M

Rated voltage: 250 Vac. Rated current: 13A. Type G: 2P + E. Without switch. Shuttered for child safety. Screw terminals. Cover plate for British socket type: 8537.

8137	2CLA813700A1001	10	
	202, 1020, 00, 12002		



Cover plate for British socket outlet

Cover plate with British type figure for universal socket outlet code: 8137.

Soft White	8537 BL	2CLA853700A1101	10
Silver	8537 PL	2CLA853700A1301	10
Soft Black	8537 NS	2CLA853700A1501	10
Stainless Steel	8537 AI	2CLA853700A1401	10
Antique Gold	8537 OE	2CLA853700A1201	10

USB chargers

Product	Article-No.	Order-No.	Pack/Qty
П	Input current: 0, Output voltage: Output current: Power consumpt Energy efficience Operating tempo	00 - 240 Vac $\pm 10\%$; $50 / 60$ 20 A (with maximum load). 5 Vdc $\pm 5\%$. 1.500 mA (total for both gation in stand-by: $<= 0,3W@$ y: $>= 71\%$. erature: 0 °C to 35 °C. elivered with the cover platelaws).	ings). 230Vac.
	8185	2CLA818500A1001	1



Cover plate for USB charger 1,5 A

Cover plate for USB charger code: 8185.

Soft White	8585 BL	2CLA858500A1101	5
Silver	8585 PL	2CLA858500A1301	5
Soft Black	8585 NS	2CLA858500A1501	5
Stainless Steel	8585 AI	2CLA858500A1401	5
Antique Gold	8585 OE	2CLA858500A1201	5

USB chargers

Product Article-No. Order-No. Pack/Qty

Input current: 0,20 A Output voltage: 5 Vd Output current: 2.000	30 Vac ±10%; 50 / 60 Hz (with maximum load). c ±5%. 0 mA. in stand-by: <= 0,01W@2 79%. Ire: 0 °C to 45 °C.	
8185.2	2CLA818520A1001	1



Cover plate for USB charger 2A

Cover plate for USB charger code: 8185.2.

Soft White	8585.2 BL	2CLA858520A1101	1
Silver	8585.2 PL	2CLA858520A1301	1
Soft Black	8585.2 NS	2CLA858520A1501	1
Stainless Steel	8585.2 AI	2CLA858520A1401	1
Antique Gold	8585.2 OE	2CLA858520A1201	1



USB charger 2x 2.000mA, 2 outlets

Input voltage: 100 - 230 Vac ±10%; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc ±5%.

Output current: 2.000 mA.

Power consumption in stand-by: <= 0,01W@230Vac.

Energy efficiency: >= 79%.

Operating temperature: 0 $^{\circ}$ C to 45 $^{\circ}$ C.

Without fixing claws. Cover plate code: 8585.3.

8185.3 2CLA818530A1001 1



Cover plate for USB charger 2x 2 A

Cover plate for USB charger code: 8185.3.

Soft White	8585.3 BL	2CLA858530A1101	1
Silver	8585.3 PL	2CLA858530A1301	1
Soft Black	8585.3 NS	2CLA858530A1501	1
Stainless Steel	8585.3 AI	2CLA858530A1401	1
Antique Gold	8585.3 OE	2CLA858530A1201	1

Protection devices

Product	Article-No.	Order-No.	Pack/Qty
	Rated current: 6 A Braking capacity Residual current C type magneto- A type residual cu	0 - 230 Vac; 50 / 60 Hz. A. : 1.500 A. (sensitivity - IΔn): 10 mA. thermic protection. urrent protection.) with 1 protected pole. aws.	
	8134.1	2CLA813410A1001	1



Circuit breaker 10A & RCD 10mA

Rated voltage: 120 - 230 Vac; 50 / 60 Hz. Rated current: 10 A. Braking capacity: 3.000 A. Residual current (sensitivity - I\Delta n): 10 mA. C type magneto-thermic protection. A type residual current protection. Two-pole (1P + N) with 1 protected pole. Without fixing claws. Cover plate code: 8534.

8134.2 2CLA813420A1001 1



Circuit breaker 16A & RCD 10mA

Rated voltage: 120 - 230 Vac ; 50 / 60 Hz. Rated current: 16 A. Braking capacity: 3.000 A. Residual current (sensitivity - $I\Delta n$): 10 mA. C type magneto-thermic protection. A type residual current protection. Two-pole (1P + N) with 1 protected pole. Without fixing claws. Cover plate code: 8534.

8134.3 2CLA813430A1001 1



Cover plate for circuit breaker & RCD

Cover plate for circuit breaker & RCD code: 8134.1, 8134.2 & 8134.3.

Soft White	8534 BL	2CLA853400A1101	1
Silver	8534 PL	2CLA853400A1301	1
Soft Black	8534 NS	2CLA853400A1501	1
Stainless Steel	8534 AI	2CLA853400A1401	1
Antique Gold	8534 OE	2CLA853400A1201	1

TV outlets

Product Article-No. Order-No. Pack/Qty TV / R terminal outlet TV and R double outlet - Final. Without filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB. Isolation (FM / TV): >14 / >14. Return loss (FM / TV): >18 / >10. Included: fixing claws Cover plate code: 8550.



TV / R final outlet - CATV outlet

TV and R double outlet - CATV outlet - Final. With filter.

Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).

2CLA815000A1001

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Connection: screw terminal and clamp. Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (C1 / C2):

5 - 68 & 118 - 1.000 MHz / 87,5 - 108 MHz. S - 68 & 110 - 1.000 MMHz / 61,5 - 106 M Basic loss (R / FM / TV): 0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB. Isolation (FM / TV): >18 / >16. Selectivity (FM / TV): >10 / >18. Return loss (R / FM / TV): >18 / >16 / >18. Chroma-luminance delay (ns): <10.

Included: fixing claws. Cover plate code: 8550.

8150.3

8150

2CLA815030A1001



TV / R loop-through outlet

TV and R double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor. Connection: screw terminal and clamp.

Output connectors (C1 / C2):

Frequency range (I/O / C1 / C2):
13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz.
Basic loss (FM / DAB / VHF / UHF):
25±1,5 dB / 25±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB.

Z51,3 db / 5,025,1 db / 5,025,1 db / 5 Through loss (FM / VHF / UHF): 2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB. Directivity (FM / TV): >12 dB / >9 dB. Isolation (FM / TV): >16 / >15.

Return loss (FM / TV): >12 / >12.

Included: fixing claws.

Cover plate code: 8550.

8150.7

Cover plate for TV/R outlet Cover plate for TV outlet code: 8150, 8150.3 & 8150.7.

2CLA815070A1001

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Soft White	8550 BL	2CLA855000A1101	20
Silver	8550 PL	2CLA855000A1301	20
Soft Black	8550 NS	2CLA855000A1501	20
Stainless Steel	8550 AI	2CLA855000A1401	20
Antique Gold	8550 OE	2CLA855000A1201	20

Product Article-No. Order-No. Pack/Qty



TV-R/SAT terminal outlet

TV-R and SAT double outlet - Final.

Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).

Connection: screw terminal and clamp.

Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz. Basic loss (FM / TV / SAT): 0,2±0,1 dB / 1,0±0,5 dB / 1,2±0,6 dB.

0,510,1 dB / 1,0 10,5 dB / 1,210,6 dB. Isolation (FM / TV / SAT): >45 / >14 / >14. Selectivity (TV-R / SAT): >15 / >15. Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.

Included: fixing claws

Cover plate code: 8550.1.

8151.3 2CLA815130A1001



TV-R/SAT final outlet

TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series with loop-through outlets.

Connection: screw terminal and clamp.

Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

Frequency range (I/O / C1 / C2):

Frequency Targe (1/o CT / Cz).
5 - 2.400 MHz / 5 - 2.400 MHz.
Basic loss (FM / TV / SAT):
3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB.
Isolation (FM / TV / SAT): >20 / >20 / >14.
Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9.

DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8550.1.

8151.7 2CLA815170A1001

TV-R/SAT loop-through outlet

TV-R and SAT double outlet - Intermediate Installation as an intermediate outlet in series connected

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to each other. Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.

Basic loss (FM / TV / SAT):

10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB.

Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0. Directivity (FM / TV / SAT): >20 / >12 / >5. Isolation (FM / TV / SAT): >45 / >30 / >28.

Return loss (VR / FM / TV / SAT): >13 / >13 / >12 / >12.

DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8550.1.

8151.8

2CLA815180A1001 10



Cover plate for TV-R/SAT outlet

Cover plate for TV outlet code: 8151.3, 8150.7 & 8150.8.

Soft White	8550.1 BL	2CLA855010A1101	20
Silver	8550.1 PL	2CLA855010A1301	20
Soft Black	8550.1 NS	2CLA855010A1501	20
Stainless Steel	8550.1 AI	2CLA855010A1401	20
Antique Gold	8550.1 OE	2CLA855010A1201	20

Telephone & data outlets

Product	Article-No.	Order-No.	Pack/Qty
3	Telephone outle RJ12 type connect 6 contacts. Suitable for 2 (6f jacks. Screw terminals. Without fixing cl Cover plate code	ctor. P2C), 4 (6P4C) or 6 (6P6C) R aws.	J11 and RJ12
	8117	2CLA811700A1001	10



Data outlet RJ45 Cat.5e UTP

RJ45 type connector.

Cat.5e UTP.

In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173

Universal TIA/EIA 568A and 568B labeling.

Housing: ABS UL-94-0.

Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4) IDC: PC UL94V-0, Accept 22-26AWG solid wire.

Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.

Tool-less wiring. Without fixing claws.

Cover plate code: 8517.

8118 2CLA811800A1001



Cover plate for telephone/data outlets

Cover plate for telephone/data outlet code: 8117 & 8118.

Soft White	8517 BL	2CLA851700A1101	10
Silver	8517 PL	2CLA851700A1301	10
Soft Black	8517 NS	2CLA851700A1501	10
Stainless Steel	8517 AI	2CLA851700A1401	10
Antique Gold	8517 OE	2CLA851700A1201	10





Telephone outlet RJ45 Cat.3

RJ45 type connector.

Cat.3.

2017.3

8 contacts.

Suitable for 8 (8P8C) RJ45 jacks.

Tool-less wiring.

Mounting grid delivered with the cover plate.

Cover plate code: 8518.1 & 8518.2.

Data outlet RJ45 Cat.5e UTP

RJ45 type connector.

Cat.5e UTP.

In compliance with ANSI/TIA/EIA 568B.2,

ISO/IEC11801 & EN50173.

Universal TIA/EIA 568A and 568B labeling.

Housing: ABS UL-94-0.

Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over

2CLA201730A1001

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nickel plated on contact area.

Tool-less wiring.

Mounting grid delivered with the cover plate.

Cover plate code: 8518.1 & 8518.2.

2018.5 2CLA201850A1001 10



Data outlet RJ45 Cat.6 UTP

RJ45 type connector.

Cat.6 UTP.

In compliance with ANSI/TIA/EIA 568B.2,

ISO/IEC11801 & EN50173.

Universal TIA/EIA 568A and 568B labeling.

Housing: ABS UL-94-0.

Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).

IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over

nickel plated on contact area.

Tool-less wiring.

Mounting grid delivered with the cover plate.

Cover plate code: 8518.1 & 8518.2.

2018.6

2CLA201860A1001

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Data outlet RJ45 Cat.6A STP

RJ45 type connector. Cat.6A STP.

In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.

Universal TIA/EIA 568A and 568B Labeling.

10 Gb/sec.

Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). Housing: Zinc Die-casting design for optimal EMI protection.

Slim size is ideal for interfaces where the spaces are tight. IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over

Tool-less wiring.

Mounting grid delivered with the cover plate.

Cover plate code: 8518.1 & 8518.2.

nickel plated on contact area.

2018.7 2CLA201870A1001 10

Telephone & data outlets

Product	Article-No.	Order-No.	Pack/Qty
	Housing for conr system.	a outlets - Keystone type nectors with Keystone type elivered with the cover plate : 8518.1 & 8518.2.	11 3
	2018	2CLA201800A1001	10
	Housing for conr system.	a outlets - Systimax type nectors with Systimax type of elivered with the cover plate : 8518.1 & 8518.2.	
	2018.8	2CLA201880A1001	10



Cover plate for data outlet 1-gang

Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included:

- Mounting grid without claws.
- Shutters.
- Labeling area.

Soft White	8518.1 BL	2CLA851810A1101	10	
Silver	8518.1 PL	2CLA851810A1301	10	
Soft Black	8518.1 NS	2CLA851810A1501	10	
Stainless Steel	8518.1 AI	2CLA851810A1401	10	
Antique Gold	8518.1 OE	2CLA851810A1201	10	



Cover plate for data outlet 2-gangs

Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included:

- Mounting grid without claws.
- Shutters.
- Labeling area.

Soft White	8518.2 BL	2CLA851820A1101	10	
Silver	8518.2 PL	2CLA851820A1301	10	
Soft Black	8518.2 NS	2CLA851820A1501	10	
Stainless Steel	8518.2 AI	2CLA851820A1401	10	
Antique Gold	8518.2 OE	2CLA851820A1201	10	

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Sky Niessen

VDI connectors

Product	Article-No.	Order-No.	Pack/Qty
	Mini-Jack connec Front: 1x Mini-Jack Rear: screw termi Without fixing cla Cover plate code:	connector (3,5mm stereo au nals (3/4 wires). ws.	dio jack).
	8155.4	2CLA815540A1001	1



HDMI connection unit

Front: 1x HDMI connector (Type A connector). Rear: screwless terminals (20 wires). Without fixing claws. Cover plate code: 8555.

8155.6 2CLA815560A1001 1



HDMI female-female connection unit

Front: 1x HDMI connector (Type A connector). Rear: 1x HDMI connector (Type A connector) fitted at 90° angle. Without fixing claws. Cover plate code: 8555.

8155.7 2CLA815570A1001 1



USB connection unit

Front: 1x USB 2.0 connector (Type A connector). Rear: screw terminals (5 wires). Without fixing claws. Cover plate code: 8555.

8155.8 2CLA815580A1001 1



USB female-female connection unit

Front: 1x USB 2.0 connector (Type A connector).
Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle.

Without fixing claws. Cover plate code: 8555.

8155.9 2CLA815590A1001 1



Cover plate 1-gang VDI connection unit

Cover plate for 1-gang VDI connection unit code: 8155.4, 8155.6, 8155.7, 8155.8 & 8155.9.

Soft White	8555 BL	2CLA855500A1101	1
Silver	8555 PL	2CLA855500A1301	1
Soft Black	8555 NS	2CLA855500A1501	1
Stainless Steel	8555 AI	2CLA855500A1401	1
Antique Gold	8555 OE	2CLA855500A1201	1





HDMI wired + USB connection unit

Front: 1x HDMI connector (Type A connector) & 1x USB 2.0 connector (Type A connector).

Rear: HDMI screwless terminals (20 wires) & USB screw terminals (5 wires).

Without fixing claws. Cover plate code: 8555.1.

cover place code. 0555.1.

8155.68 2CLA815568A1001 1



HDMI female-female + USB connection unit

Front: 1x HDMI connector (Type A connector) & 1x USB 2.0 connector (Type A connector).

Rear: 1x HDMI connector (Type A connector) fitted at 90° angle & USB screw terminals (5 wires).

2CLA815578A1001

Without fixing claws. Cover plate code: 8555.1.

8155.78

cover plate code: 6555.1.

Double USB connection unit

Front: 2x USB 2.0 connector (Type A connector). Rear: 2x USB screw terminals (5 wires). Without fixing claws. Cover plate code: 8555.1.

8155.88 2CLA815588A1001 1



Cover plate 2-gangs VDI connection unit

Cover plate for 2-gangs VDI connection unit code: 8155.68, 8155.78 & 8155.88.

Soft White	8555.1 BL	2CLA855510A1101	1	
Silver	8555.1 PL	2CLA855510A1301	1	
Soft Black	8555.1 NS	2CLA855510A1501	1	
Stainless Steel	8555.1 AI	2CLA855510A1401	1	_
Antique Gold	8555.1 OE	2CLA855510A1201	1	_

VDI connectors

Product	Article-No.	Order-No.	Pack/Qty
0	2x RCA connection Front: 2x RCA connection Rear: screw term Without fixing clay Cover plate code	nnectors (Red / White). inals (4 wires). aws.	
	8155.2	2CLA815520A1001	1



Cover plate 2RCA connection unit

Cover plate for 2RCA connection unit code: 8155.2.

Soft White	8555.2 BL	2CLA855520A1101	1
Silver	8555.2 PL	2CLA855520A1301	1
Soft Black	8555.2 NS	2CLA855520A1501	1
Stainless Steel	8555.2 AI	2CLA855520A1401	1
Antique Gold	8555.2 OE	2CLA855520A1201	1



3x RCA connection unit

Front: 3x RCA connectors (Red / White / Yellow). Rear: screw terminals (6 wires). Without fixing claws. Cover plate code: 8555.3.

8155.3	2CLA815530A1001	1
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Cover plate 3RCA connection unit

Cover plate for 3RCA connection unit code: 8155.3.

Soft White	8555.3 BL	2CLA855530A1101	1
Silver	8555.3 PL	2CLA855530A1301	1
Soft Black	8555.3 NS	2CLA855530A1501	1
Stainless Steel	8555.3 AI	2CLA855530A1401	1
Antique Gold	8555.3 OE	2CLA855530A1201	1



VGA connection unit

Front: 1x VGA connector (DE-15 connector). Rear: screw terminals (15 wires). Without fixing claws. Cover plate code: 8555.5.

8155.5	2CLA815550A1001	1



Cover plate VGA connection unit

Cover plate for VGA connection unit code: 8155.5.

Soft White	8555.5 BL	2CLA855550A1101	1
Silver	8555.5 PL	2CLA855550A1301	1
Soft Black	8555.5 NS	2CLA855550A1501	1
Stainless Steel	8555.5 AI	2CLA855550A1401	1
Antique Gold	8555.5 OE	2CLA855550A1201	1





VGA + 2RCA connection unit

Front: 1x VGA connector (DE-15 connector) & 2x RCA connectors (Red / White).
Rear: VGA screw terminals (15 wires) & RCA screw

terminals (4 wires). Without fixing claws. Cover plate code: 8555.6.

8155.52	2CLA815552A1001	1	
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Cover plate VGA + 2RCA connection unit

Cover plate for VGA + 2RCA connection unit code: 8155.52.

Soft White	8555.6 BL	2CLA855560A1101	1
Silver	8555.6 PL	2CLA855560A1301	1
Soft Black	8555.6 NS	2CLA855560A1501	1
Stainless Steel	8555.6 AI	2CLA855560A1401	1
Antique Gold	8555.6 OE	2CLA855560A1201	1



VGA + mini-Jack connection unit

Front: 1x VGA connector (DE-15 connector) & 1x Mini-Jack connector (3,5mm stereo audio jack). Rear: VGA screw terminals (15 wires) & Mini-Jack connector (3,4 wires)

Mini-jack screw terminals (3/4 wires). Without fixing claws. Cover plate code: 8555.4.

8155.54 2CLA815554A1001 1	8155.54	2CLA815554A1001	1	
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Cover plate VGA + mini-jack connection unit

Cover plate for VGA + mini-jack connection unit code: 8155.54.

Soft White	8555.4 BL	2CLA855540A1101	1
Silver	8555.4 PL	2CLA855540A1301	1
Soft Black	8555.4 NS	2CLA855540A1501	1
Stainless Steel	8555.4 AI	2CLA855540A1401	1
Antique Gold	8555.4 OE	2CLA855540A1201	1

Light controls - Rotatory dimmers

Product Article-No. Order-No Pack/Qty



Rotatory dimmer, RL, 20-500 W Rated voltage: 230 V~; ± 10% - 50 Hz. With rotatory control, 2-way On-Off switching and soft-catch. Leading Edge control. Rated power: 20 - 500 W / VA. For incandescent lamps, 230 V tungsten halogen

lamps and low-volt halogen lamps with conventional

with adjustable minimum brightness.
In the case of conventional transformers, take ~20% transformer loss into account

transformer loss into account.
Provided with terminal for net disconnection devices.
Also applicable for 1gang 2way installations.
Included: fixing claws.
Cover plate code: 8560.2.

8160 2CLA816000A1001



Rotatory dimmer, LED, 2-100 W

Rotatory dimmer, LED, 2-100 W
Rated voltage: 230 V~; ± 10% - 50/60 Hz.
Nominal power: 2 - 100 W/VA (retrofit LED loads).
Nominal power: 10 - 250 W/VA (non-LED loads).
With rotatory control, 2-way switch and soft-catch.
2-wire connection (neutral conductor not required).
Optimised for dimming of retrofit LED lamps (LEDi).
For dimming dimmable Retrofit-LEDs (LEDi) and dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers, for incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.
Mix operation of LEDi with conventional loads possible. Switch adjustable: leading and trailing edge control. Low-noise level by MOSFET transistors.
With electronic short-circuit and overload protection.
With adjustable minimum brightness.

With adjustable minimum brightness. Temperature range device: 0 °C to 35 °C.

In the case of conventional transformers, take ~20%. transformer loss into account.

transformer loss into account. In case of electronic transformers, 5% transformer losses. Also applicable for 1gang 2way installations. Provided with terminal for net disconnection devices. Included: fixing claws.

Cover plate code: 8560.2.

8160.2 2CLA816020A1001



Rotatory dimmer, RL, 200-700 W
Rated voltage: 230 V~; ± 10% - 50 Hz.
With rotatory control, 2way On-Off switching and soft-catch. Leading Edge control.
Rated power: 200 - 700 W / VA.
For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.
Short-circuit-proof, overload-protected.
With adjustable minimum brightness

With adjustable minimum brightness.
Without cover plate.
Without fixing claws.
In the case of conventional transformers, take ~20%. transformer loss into account. Provided with terminal for net disconnection devices.

Cover plate code: 8560.2.

8160.3

2CLA816030A1001



Rotatory dimmer, RL, 60-400 W Rated voltage: 230 V \sim ; \pm 10% - 50 Hz. 1 channel designed as dimmer.

1 channel designed as dimmer.
1 channel designed as switch contact (1-gang 2-way contact element) with leading edge control.
Rated power: 60 - 400 W / VA.
For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.
With adjustable minimum brightness.
Rated current 6A (changeover contact switch output).
In the case of conventional transformers, take ~20% transformer loss into account

transformer loss into account.

Can be used to replace a 2 gang 1 way switch.

Included: fixing claws. Cover plate code: 8560.2

8160.5 2CLA816050A1001 Product Article-No. Order-No. Pack/Qty



Rotatory dimmer, RC, 40-420 W Rated voltage: 230 V~; ± 10% - 50 Hz. With rotatory control, soft-catch and with trailing edge control. Rated power: 40 - 420 W / VA. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic

transformers.

Low-noise, short-circuit-proof, overload-protected. Not suitable with conventional transformers. In case of electronic transformers, 5% transformer losses. Provided with terminal for net disconnection devices. Also applicable for 1gang 2 way installations. Included: fixing claws.
Cover plate code: 8560.2.

8160.7 2CLA816070A1001



Rotatory dimmer, RLC, 60-420 W Rated voltage: 230 V~; ± 10% - 50/60 Hz. With soft-catch. With intelligence for universal operation.

Rated power: 60 - 420 W / VA.
For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA

possible. Remote operation via rotatory-type remote control 8161.8 possible. In case of electronic transformers, 5% transformer losses.

In the case of conventional transformers, take ~20% transformer loss into account. Cannot be combined with a 2way switch. Included: fixing claws.
Cover plate code: 8560.2.

8160.8 2CLA816080A1001



Rotatory dimmer, 1-10Vdc
Rated voltage: 230 V~; ± 10% - 50/60 Hz.
Rated power: 700 W / VA.
With rotatory control.
For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.

For LED control via control drivers. Without cover plate.

Not illuminable

Making-current limiters have to be provided in case of too high making currents. Included: fixing claws.

Cover plate code: 8560.2.

2CLA816090A1001 8160.9



Rotatory dimmer remote control

Rated voltage: 230 V~; ± 10% - 50/60 Hz. To be used with dimmer code 8160.8.

With soft-catch.

A maximum of 5 multi-way extensions can be connected to a 8160.8 dimmer. Included: fixing claws. Cover plate code: 8560.2.

2CLA816180A1001



Cover plate with rotatory knob for dimmer

Cover plate with rotatory knob for dimmer code: 8160, 8160.2, 8160.3, 8160.5, 8160.7, 8160.8, 8160.9 & 8161.8.

Included: indicator neon lamp.

Soft White	8560.2 BL	2CLA856020A1101	5
Silver	8560.2 PL	2CLA856020A1301	5
Soft Black	8560.2 NS	2CLA856020A1501	5
Stainless Steel	8560.2 AI	2CLA856020A1401	5
Antique Gold	8560.2 OE	2CLA856020A1201	5

Light controls - Push dimmers

Light controls - DALI controlers

Article-No.

roduct	Article-No.	Order-No.	Pack/Qty
AM TO THE PARTY OF	Rated power: 60 For dimming and 230 V halogen lar conventional or e 2-wire connection With soft ON/OF With electronics I With operating mode Dimmer operatin switch half to sw lower rocker swit Dimmer operating half dims, with light switched off the lig lower rocker switch Switch operating half to switch the switch half to sw Operation also poss Do not operate contransformers toget linputs: 1. Polling voltage: 2 Outputs: 1 electrosuitable for: ohm Temperature ranglichded: attacha In the case of cortransformer loss	0 V~; ± 10% - 50 Hz450 W / VA. switching of incadescent nps and low-voltage halog lectronic transformers. n (neutral conductor not re F function. nort-circuit protection. vertemperature protection switch for operating mode: dim g mode: short press on the tich the light on, short pres ch half to switch the light o mode: long press on the upper switched on, the light brighte half dims the light darker. mode: press on the upper light on, press on the lowe itch the light off; lible via conventional push butt ventional transformers and elever on the universal dimmer sw 30 V~, Sensing pulse, L-wir pric output, potential-boul ic, capacitive and inductive ge device: 0 °C to 35 °C. by check and transformers, ta into account. c transformers, 5% transform plate: 8530.	en lamps with quired). n. mer, switch. e upper rocker so n the off. rocker switch r, or with light press on the rocker switch er rocker switch er rocker switch er rocker switch el onto 8104.X. ctronic vitch insert. e. nd. e loads. ke ~20%
	8130	2CLA813000A1001	1



Electronic rocker for dimmer switch

Electronic rocker for dimmer switch control code: 8130.

Soft White	8530 BL	2CLA853000A1101	1	
Silver	8530 PL	2CLA853000A1301	1	
Soft Black	8530 NS	2CLA853000A1501	1	
Stainless Steel	8530 AI	2CLA853000A1401	1	
Antique Gold	8530 OE	2CLA853000A1201	1	



Universal push dimmer 40-450W Rated voltage: 127 - 230 Vac - 50/60 Hz Min. power: 40 W.

Max. power:

- Incandescent: 450W @230Vac / 250W @127Vac. - Halogen with transformer: 400VA @230Vac / 250VA @127Vac.

2 wire connection.

Optional: auxiliary control with 8104.X push-buttons.
Overcurrent protection: with fuse.
Indicator LED lamp included. Operating temperature: 0 - 30 °C. Without fixing claws.

Cove plate code: 8560.1.

8160.1 2CLA816010A1001



Cover plate for universal push dimmer

Cover plate for universal push dimmer code: 8160.1.

Soft White	8560.1 BL	2CLA856010A1101	5	
Silver	8560.1 PL	2CLA856010A1301	5	
Soft Black	8560.1 NS	2CLA856010A1501	5	
Stainless Steel	8560.1 AI	2CLA856010A1401	5	
Antique Gold	8560.1 OE	2CLA856010A1201	5	



Product

Rotatory DALI dimmer For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotatory control and ON/OFF push operation. Fool proved.

Brightness power-on level and backround brightness level adjustable, buffered.

Order-No.

Pack/Qty

With integrated LED illumination for orientation Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers. An additional DALI power supply is needed. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Temperature range device: 0 °C to 35 °C Included: fixing claws

Cover plate code: 8560.2

8161.4 2CLA816140A1001



Rotatory DALI dimmer with power supply

Rated voltage: 230 V~; ± 10% - 50/60 Hz. For DALI broadcast service (via central telegram).

With integrated DALI power adaptor.
For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotatory control and ON/OFF push operation. With electronic short-circuit protection. With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA.

Power consumption: < 2,5 W.

Number of DALI-units:

37 in case of one active power-potentiometer. In case of three active power-potentiometer in parallel connection: 111.

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Temperature range device: 0 °C to 35 °C.

Included: fixing claws. Cover plate code: 8560.2.

8161.5 2CLA816150A1001



Cover plate with rotatory knob for dimmer

Cover plate with rotatory knob for dimmer code: 8161.4 & 8161.5.

Soft White	8560.2 BL	2CLA856020A1101	5
Silver	8560.2 PL	2CLA856020A1301	5
Soft Black	8560.2 NS	2CLA856020A1501	5
Stainless Steel	8560.2 AI	2CLA856020A1401	5
Antique Gold	8560.2 OE	2CLA856020A1201	5

Light controls - Timer switches

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage For switching halogen lamp halogen lamp 3 wire connece With operatin time switch. Switch operatin half to switch switch half to switch half to switch solf to	2300 W / VA.	tungsten /-voltage sformers. uired). g mode: switch, er rocker switch wer rocker e upper rocker t automatically ritching off not letween 30 and bush buttons vire. ial-bound.



Universal double relay time delayed switch

Rated voltage: 230 V~; ± 10% - 50 Hz.

For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers. 3 wire connection (neutral conductor required).

With operating mode switch for operating mode: switch, time switch.

2CLA813010A1001

Switch operating mode: press on the upper rocker switch half to switch the light on, press on the lower rocker switch half to switch the light off.

Time switch operating mode: press on the upper rocker switch half to switch the light on, the light automatically switches off after a time delay. Manual switching off not possible. The delay can be set in 5 steps between 30 and 300 secs.

Operation also possible via conventional push buttons 8104.X.

Inputs: 1.

Polling voltage: 230 V~, Sensing pulse, L-wire. Outputs: 2 Normally open contacts, potential-bound. Suitable for: ohmic, capacitive and inductive loads.

Rated current: 2x 3 AX. Rated power: 2x 700 W / VA. Included: attachable claws. Electronic cover plate code: 8530.

8130.2 2CLA813020A1001 1





Electronic rocker for time delayed switch

Electronic rocker for time delayed switch code: 8130.1 & 8130.2.

Soft White	8530 BL	2CLA853000A1101	1
Silver	8530 PL	2CLA853000A1301	1
Soft Black	8530 NS	2CLA853000A1501	1
Stainless Steel	8530 AI	2CLA853000A1401	1
Antique Gold	8530 OE	2CLA853000A1201	1



Time delayed switch with triac

Rated voltage: 230 Vac - 50 Hz.

Power

- Incandescent: 40 500 W.
- Halogen with transformer: 40 400 VA.
- Motors: 40 100 VA.

2 wire connection.

Delay setup: 10 sec. to 10 min. Overcurrent protection: with fuse. Indicator LED lamp included.

Without fixing claws.

Operating temperature: 0 - 40 $^{\circ}$ C.

Cover plate code: 8562.

8162.1	2CLA816210A1001	1



Cover plate for timer switch

Cover plate for timer switch code: 8162.1.

Soft White	8562 BL	2CLA856200A1101	1
Silver	8562 PL	2CLA856200A1301	1
Soft Black	8562 NS	2CLA856200A1501	1
Stainless Steel	8562 AI	2CLA856200A1401	1
Antique Gold	8562 OE	2CLA856200A1201	1

Pack/Qty

Sky Niessen

Light controls - Motion sensors

Article-No.



Product

MOS-Fet switch for motion sensor

Rated voltage: 230 V~; ± 10% - 50/60 Hz.

2-wire connection (neutral conductor not required).

For 8541.1 motion sensor.

Operation also possible via conventional push buttons 8104.X.

Order-No.

Rated power: 60 - 420 W / VA.

Suitable for: 230 V incandescent lamps, 230 V halogen lamps, low-voltage halogen lamps with conventional transformers.

Temperature range device: 0 °C to 35 °C.

In case of electronic transformers, 5% transformer losses.

In the case of conventional transformers, take ~20% transformer loss into account.

Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps. Not suitable for activating the staircase time delay.

Cannot be used to control relais.

Included: fixing claws.

8141.3 2CLA814130A1001



Relay switch for motion sensor

Rated voltage: 230 V; ± 10% - 50 Hz.

3 wire connection (neutral conductor required).

For 8141.1 motion sensor.

Outputs: 1 Normally open contact, potential-bound. Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated power: 700 W / VA

Temperature range device: 0 °C to 55 °C.

Included: fixing claws.

8141.4 2CLA814140A1001



180° motion sensor

For automatic switching of devices dependent on motion and brightness.

For relay inserts 8141.4.

For MOS-Fet insert 8141.3.

With integrated selector switch for ON-AUTOMATIC-OFF (lockable).

Surveillance density: 18 sectors with 72 switching

Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

Temperature range device: 0 °C to 35 °C. Detection range: frontal: 12 m, lateral: 8 m. Brightness limit value: from 5 lux up to daytime

Detection angle: 180°.

operation.

Mounting height: 0.8 m - 1.2 m.

Soft White	8541.1 BL	2CLA854110A1101	1
Silver	8541.1 PL	2CLA854110A1301	1
Soft Black	8541.1 NS	2CLA854110A1501	1
Stainless Steel	8541.1 AI	2CLA854110A1401	1
Antique Gold	8541.1 OE	2CLA854110A1201	1

Light controls - Programmable switches

Product	Article-No.	Order-No.	Pack/Qty
Charles	Relay switch	∩ V~ · + 10% - 50/60 Hz	,



3 wire connection (neutral conductor required). For timer control element 8165.31. Operation also possible via conventional push buttons 8104.X.
Outputs: 1 Normally open contact, potential-bound.
Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps,

that are operated via transformers.

Rated current: 10 AX.

Rated power: 2300 W / VA.

Temperature range device: -25 °C to 55 °C.

Included: fixing claws.

2CLA816100A1001 8161



Relay switch for blinds Rated voltage: 230 V~ ; ± 10% - 50 Hz. Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off. Two 230 V multi-way input terminals (Up/Down) for

operating mode switch for the following modes: normal, louvre, base station, position.

Wind alarm, cleaning functions can be accommodated via

extension input. For comfort timer control element 8565.31. Remote control with blind controls code: 8144.X.

Running time: 3 min.
Outputs: 2 Normally open contact.
Rated current: 3 A, cos φ0.5.
Rated power: 690 VA.
Control/Signal outputs: 2.

Temperature range device: 0 °C to 35 °C. Included: fixing claws.

2CLA816120A1001 8161.2



Timer control element

For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices. With dusk to dawn program including (Astro-program).
Individual Astro adjustment and Astro blocking time.
The controlled devices can be manually operated at any time.
Simple setting via high-resolution display with back-

ground illumination. With preset switching times/date/time.

Factory-set switching times can be individually adjusted. Automatic switchover from summer time to winter time

(switch-off function). Switching times/programme are safely stored in the

Switching times/programme are safely stored in the event of a mains power failure. Power reserve for time and date > 10 years. Simple toggling between manual/automatic/vacation modes.

Freely adjustable temperature and brightness-dependent sun protection function. Freely adjustable twilight function.

User-adjustable running times for blinds and air conditioning. Programming possible only with control element attached and energized. 6 switching times per day can be user-defined for each day of the week. Astro switching times and switching times can be combined.

For blind control insert 8161.2

For blind control insert 8161.2. For universal relay switch insert 8161. Temperature range device: 0 °C to 35 °C. Cover plate code: 8565.3.

8165.31 2CLA816530A1101



Cover plate for timer control element

Cover plate for timer control element code: 8165.31.

Soft White	8565.3 BL	2CLA856530A1101	1
Silver	8565.3 PL	2CLA856530A1301	1
Soft Black	8565.3 NS	2CLA856530A1501	1
Stainless Steel	8565.3 AI	2CLA856530A1401	1
Antique Gold	8565.3 OE	2CLA856530A1201	1

Light controls - Wireless control

Product	Article-No.	Order-No.	Pack/Qty
	1-gang wall-my power supply. 1 radio channe or 2 light scene For wireless ac Send frequenc Free-field rang Power supply: Battery service maintenance-f Rated voltage: Automatic mo Including fixin witch boxes. Control elemen Display elemen	e: approx. 100 m. lithium button cell battery type e life: typically 5 years, thereforee. 3 Vdc. nitoring of battery life. g plate for mounting on smont: switch contacts top/bottots: LED to indicate the transange device: -5 °C to 45 °C.	ntrolling blinds 7 & 8130.6. De CR2032. Dore practically oth walls or on
Soft White	8531.1 BL	2CLA853110A1101	1
Silver	8531.1 PL	2CLA853110A1301	1



Soft Black

Wireless switch transmitter - 2 channel

2-gang wall-mounted transmitter independent of mains

2CLA853110A1501

2 radio channel for switching, dimming, controlling blinds or 4 light scenes can be called up. For wireless actuators: 8130.4, 8130.5, 8130.7 & 8130.6.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.
Power supply: lithium button cell battery type CR2032.
Battery service life: typically 5 years, therefore practically mainténance-free.

Rated voltage: 3 Vdc.

8531.1 NS

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: switch contacts top/bottom. Display elements: LED to indicate the transmission. Temperature range device: -5 °C to 45 °C. Battery included in delivery.

Soft Black	8531.2 NS	2CLA853120A1501	1
Silver	8531.2 PL	2CLA853120A1301	1
Soft White	8531.2 BL	2CLA853120A1101	1



Wireless switch actuator

Rated voltage: 230 Vac; ± 10% - 50/60 Hz. For wireless switching of electrical loads. 2 functions: ON/OFF switch or time delayed switch. For wall mounted transmitter code: 8531.1 &8531.2. Switch-off delay: 3 sec. / 1 min. / 5 min. / 15 min. Repeater function can be activated for extended range. For universal attachment or installation.

3 wire connection (neutral conductor required). With auxiliary input for push-buttons code: 8104.X. Send/receive frequency: 868 MHz.

Free-field range: approx. 100 m.

Control element: adjustable potentiometer. Display elements: status indication of output via LED. Outputs: 1x Normally Open or Normally Closed contact, 230 Vac.

Rated power:

- Incandescent, halogen, electronic transformer and ferromagnetic transformers: 2.300 W / VA.

- Fluorescent load: 1.000 VA.

Temperature range (device): -5 °C to 45 °C. Dimensions: (L x W x D): 47 mm. x 48 mm. x 22 mm.

8130.4 2CLA813040A1001 Product Article-No. Order-No. Pack/Qty



Wireless dimming actuator
Rated voltage: 230 Vac; ± 10% - 50/60 Hz
For wireless switching and dimming of electrical loads.
For functions ON/OFF switch and dimming.
For wall mounted transmitter code: 8531.1 & 8531.2.
Repeater function can be activated for extended range.
For universal attachment or installation. For universal attachment or installation. 2-wire connection (neutral conductor not required) 3-wire connection system (neutral conductor is required) is preferred when using electronic transformers, electromagnetic transformers and energy saving lamps. With auxiliary input for push-buttons code: 8104.X. Send/receive frequency: 868 MHz. Free-field range: approx. 100 m.

Control element: adjustable potentiometer Display elements: status indication of output via LED. Outputs: 1 dimming channel, 230Vac Rated power: - Incandescent lamps: 35 - 300 W

- Incandescent lamps: 35 - 300 W
- Low voltage halogen lamps, which are operated by electronic transformers: 35 - 200 VA
- Low voltage halogen lamps with conventional transformers: 35 - 175 VA

Temperature range device: -5 °C to 45 °C Dimensions: (L x W x D): 47 mm x 48 mm x 33 mm

2CLA813050A1001 8130.5



Wireless blind actuator

Rated voltage: 230 Vac ; ±10 % - 50/60 Hz. For wireless switching of electrical loads or controlling

For wireless switching of electrical loads or controlling blinds/shutters.
2 functions: 2-gang switch or blind control.
Operation also possible via conventional blind controls code 8144.X or push-buttons 8104.X.
For wall mounted transmitter code: 8531.1 & 8531.2.
With blind switch function: 3 minutes run time.
Repeater function can be activated for extended range.
For universal attachment or installation.
3 wire conpection (neutral conductor required)

3 wire connection (neutral conductor required). Send/receive frequency: 868 MHz.

Free-field range: approx. 100 m. Control element: adjustable potentiometer.

Display elements: status indication of output via LED.

Polling voltage: 230 V~, Sensing pulse, L-wire. Outputs: 2 Normally Open contact, 230 Vac.

Rated power: - Blind motors: 3 A, cos φ0.5.

- Incandescent/halogen lamps: 3 A. - Fluorescent lamps: 3 AX. Temperature range device: -5 °C to 45 °C. Dimensions: (L x W x D): 47 mm. x 48 mm. x 22 mm.

8130.7 2CLA813070A1001 1



Wireless DIN-rail actuator
Rated voltage: 230 Vac; ±10 % - 50/60 Hz.
For wireless switching of electrical loads.
2 functions: ON/OFF switch or time delayed switch.
For wall mounted transmitter code: 8531.1 &8531.2.

Switch-off delay: 3 sec. / 1 min. / 5 min. / 10 min. / 30 min. Repeater function can be activated for extended range.

For DIN-rail installation.

3 wire connection (neutral conductor required). Send/receive frequency: 868 MHz.

Free-field range: approx. 30 m. Control element: adjustable potentiometer. Display elements: status indication of output via LED. Outputs: 1x Normally Open or Normally Closed contact, 230 Vac.

Rated power:

- Incandescent, halogen, electronic transformer and ferromagnetic transformers: 2.300 W / VA. - Fluorescent load: 1.000 VA.

Temperature range device: -5 °C to 45 °C. Dimensions: 1 module.

8130.6 2CLA813060A1001

Light controls - Rotatory switch

Product	Article-No.	Order-No.	Pack/Qty
9	4 position rotate Rated voltage: 11 Rated current: 16 4 postions. 4 circuits. Faston terminals Without fixing cla	0 - 250 Vac. AX. aws.	
	8154	2CLA815400A1001	10



Cover plate with knob for rotatory switch

Cover plate for rotatory switch code: 8154.

Soft White	8554 BL	2CLA855400A1101	1
Silver	8554 PL	2CLA855400A1301	1
Soft Black	8554 NS	2CLA855400A1501	1
Stainless Steel	8554 AI	2CLA855400A1401	1
Antique Gold	8554 OE	2CLA855400A1201	1

Temperature controls - RTC

Product	Article-No.	Order-No.	Pack/Qty
	Power consumpt Operating tempe Measurement acc Resolution: 0.1 °C Control output: F Open (NO). Maximum load: 3 Output relay ope - Hysteresis: 0.5 °C - Pulse-width mo the set-point ten modulation.	30 Vac - 50/60 Hz. cion: < 1W erature range: + 0 °C to 50 °C curacy: ±2 °C (± 1 °C with calc). Potential-free relay contacts 3A cos = 0,5. eration modes: °C. edulation: with a ±4 °C diffenperature, variable from 100 elivered with the cover plate laws).	ibration). Normally. rence with 0% to 0%
	8140.5	2CLA814050A1001	1



Cover plate for digital thermostat

Cover plate for room thermostat code: 8140.5.

Soft White	8540.5 BL	2CLA854050A1101	5
Silver	8540.5 PL	2CLA854050A1301	5
Soft Black	8540.5 NS	2CLA854050A1501	5
Stainless Steel	8540.5 AI	2CLA854050A1401	1
Antique Gold	8540.5 OE	2CLA854050A1201	1



Rotatory room thermostat with floor sensor

Rated voltage: 230 Vac ; ±10 % - 50/60 Hz.

Load power: 2.300 W.

Load type: floor heating resistor.

Control temperature: +5 °C to +45 °C (Set point). OFF state: At OFF position, the thermostat is off, so that it does not address the temperature measured by the floor temperature probe. The relay output contact is open.

Temperature accuracy: 0,5 $^{\circ}$ C.

Hysteresis: 0,5 ^oC.

Floor temperature sensor: NTC, $10K\Omega$ at $25^{\circ}C$, $-40^{\circ}C$ to 80°C. Double isolated cable, 4m length. LED light indication: Red and green. Ambient temperature: -20 $^{\rm o}{\rm C}$ to 45 $^{\rm o}{\rm C}.$ Without fixing claws.

Cover plate code: 8540.9.

8140.9	2CLA814090A1001	1	



Cover plate with rotatory knob for RTC

Cover plate for room thermostat code: 8140.9.

Soft White	8540.9 BL	2CLA854090A1101	5
Silver	8540.9 PL	2CLA854090A1301	5
Soft Black	8540.9 NS	2CLA854090A1501	5
Stainless Steel	8540.9 AI	2CLA854090A1401	5
Antique Gold	8540.9 OE	2CLA854090A1201	5

Signaling and lighting systems

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Lamp: white LEC Luminous flux: > White diffuser Without fixing cl	27-230 Vac / 50-60 Hz 2 lumen at 1 meter	or 8581.XX	Ť	Cover for signali	ing light "WC men" symbol ng light with white diffuser · LED lights code: 8180.1, 818	
	8180.1	2CLA818010A1001	1		8581.11	2CLA858110A1101	5
	0100.1	ZCLAGIGGIGAIGGI				l' . l	-1
	Lamp: red/greer Luminous flux: > White diffuser. Without fixing cl Cover plate code	27-230 Vac / 50-60 Hz. 1 LED. 2 lumen at 1 meter. aws. :: 8581 without pictogram	or 8581.XX	į	Cover for signali "WC woman" syr 8180.1, 8180.2 & a		and
	with pictogram.				8581.12	2CLA858110A1201	5
	8180.2	2CLA818020A1001	1		Cover for signali	ing light "WC handic." symb	
	White diffuser.	30 Vac / 50 Hz.). 2 lumen at 1 meter.		ıj	Cover for signali	ng light with white diffuser nbol for LED lights code:	
	Autonomy: 3 hou hours with lower	ırs (1 hour at maximum illu rillumination).	umination 2		8581.13	2CLA858110A1301	5
	Without fixing cl	: 8581 without pictogram		X	Cover for signali	ing light "No smoking" sym ng light with white diffuser mbol for LED lights code:	
					8180.1, 8180.2 &	6161.5.	
	Cover for signal Cover for signali code: 8180.1, 818	ng light with white diffuse	er for LED lights		8581.14	2CLA858110A1401	5
	8581 BL	2CLA858100A1101	5	8	Cover for signali	ing light "No phone" symbo ng light with white diffuser bol for LED lights code: 8181.5.	
	Cover for signali Cover for signali code: 8180.1, 818	ng light with red diffuser	for LED lights		8581.15	2CLA858110A1501	5
	8581 RJ	2CLA858100A1301	5	()	Cover for signali	ing light "Silence" symbol ng light with white diffuser ights code: 8180.1, 8180.2 &	
		P					
	Cover for signali Cover for signali code: 8180.1, 818	ng light with green diffuse	er for LED lights		8581.16	2CLA858110A1601	5
	8581 VD	2CLA858100A1401	5	J	Cover for signali	ing light "Silence" symbol ng light with white diffuser ights code: 8180.1, 8180.2 &	
ii	Cover for signali	ing light "WC" symbol ng light with white diffuse ights code: 8180.1, 8180.2			8581.17	2CLA858110A1701	5
				A	Cover for signali	ing light "No entry" symbol ng light with white diffuser or LED lights code: 8180.1, 8	and "No
	8581.10	2CLA858110A1001	5		8181.5.	- ′	
					8581.18	2CLA858110A1801	5

Signaling and lighting systems

Product	Article-No.	Order-No.	Pack/Qty
ijĴ	Cover for signalin	ng light "Elevator" symbol ng light with white diffuser ol for LED lights code: 8180.	and
	8581.19	2CLA858110A1901	5



Cover for signaling light "Exit" symbol

Cover for signaling light with white diffuser and "Exit" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.

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Cover for signaling light "Info point" symbol

Cover for signaling light with white diffuser and "Info point" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.

8581.21	2CLA858120A1101	5	

Buzzer / Door bell

Product	Article-No.	Order-No.	Pack/Qty
	Rated power: 8 V Adjustable tone.	t 1 meter with cover pla	



Electronic door bell with 4 melodies

Rated voltage: 230 Vac / 50-60 Hz.

4 melodies available.

8119

Acoustic power at 1 meter with cover plate: 72 dB. Without fixing claws.

2CLA811900A1001

10

Cover plate code: 8529.

8124.2 2CLA812420A1001 1



Cover plate for buzzer/door bell

Cover plate for buzzer / door bell code: 8119 & 8124.2.

Soft White	8529 BL	2CLA852900A1101	5	
Silver	8529 PL	2CLA852900A1301	5	
Soft Black	8529 NS	2CLA852900A1501	5	
Stainless Steel	8529 AI	2CLA852900A1401	5	
Antique Gold	8529 OE	2CLA852900A1201	5	

Blank covers / Cable outlets

Product	Article-No.	Order-No.	Pack/Qty
	Blank cover plate Included: mounti Without fixing cla	ng grid and cover plate.	
Soft White	8500 BL	2CLA850000A1101	10
Silver	8500 PL	2CLA850000A1301	10
Soft Black	8500 NS	2CLA850000A1501	10
Stainless Steel	8500 AI	2CLA850000A1401	10
Antique Gold	8500 OE	2CLA850000A1201	10



Cable outlet

3 connection screw terminals up to 2,5 mm². Cable tie included. Included: fixing claws. Cover plate code: 8507.

8107 2CLA810700A1001 1	.0
8107 2CLA810700A1001 1	.0



Cover plate for cable outlet

Cover plate for cable outlet code: 8107.

Soft White	8507 BL	2CLA850700A1101	10	
Silver	8507 PL	2CLA850700A1301	10	
Soft Black	8507 NS	2CLA850700A1501	10	
Stainless Steel	8507 AI	2CLA850700A1401	10	
Antique Gold	8507 OE	2CLA850700A1201	10	

Multiroom Bluetooth system

Product Article-No. Order-No. Pack/Qty Multiroom sound module Rated voltage: 127-230 Vac ± 15%; 50-60 Hz. Max. consumption: 200 mA. Stand-by consuption: 0,3W. Amplifier power: 6+6 W; <1% distorsion (4 Ω). Speaker impedance: 4Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1. Multiroom function available (1 master device and up to 14 slave devices). Remote control using code 9368.2 (ZigBee 2.4GHz IEEE 802.15.4). Optional: auxilary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output) and USB connection functions.



Remote control for multiroom sound module - 2M

2CLA936810A1001

Rated voltage: 127-230 Vac ± 15%; 50-60 Hz.

Max. consumption: 15 mA.

9368.1

Stand-by consuption: 0,5W.

To control 9368.1 module (1 remote control for each module).

Wireless connection between moles 9368.1 and 9368.2 (ZigBee 2.4GHz IEEE 802.15.4).

Optional: auxilary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output) and USB connection functions. In case of using 9368.3 module, the connection between modules 9368.1 and 9368.2 must be wired (3 wires).

Mounting grid delivered with the cover plate (without fixing claws).

Cover plate code: 8568.

9368.2 2CLA936820A1001 1



Cover plate for radio/remote control modules

Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7. Included: cover plate and mounting grid. Without fixing claws.

Soft White	8568 BL	2CLA856800A1101	1
Silver	8568 PL	2CLA856800A1301	1
Soft Black	8568 NS	2CLA856800A1501	1
Stainless Steel	8568 AI	2CLA856800A1401	1
Antique Gold	8568 OE	2CLA856800A1201	1

FM radio with alarm

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: Max. consumpt Stand-by const Amplifier powe Speaker imped FM radio digita Alarm clock wit Optional: auxil stereo input & and Bluetooth	uption: 0,2W. er: $2+2$ W; <1% distorsion (16 ance: 16Ω ($2+2$ W audio). al tuner with RDS. the buzzer, radio types and srary module 9368.3 for I/O (1 1 mini-jack stereo output), Leceiver functions. delivered with the cover planer.	nooze function mini-jack JSB connection
	9368	2CLA936800A1001	1



FM-radio and alarm module - 2M

Rated voltage: 127 Vac ± 15%; 50-60 Hz.

Max. consumption: 100 mA.

Stand-by consuption: 0,2W.

Amplifier power: 2+2 W; <1% distorsion (16 Ω). Speaker impedance: 16 Ω (2+2 W audio).

Speaker impedance: 10 12 (2+2 w audic

FM radio digital tuner with RDS.

Alarm clock with buzzer, radio types and snooze function. Optional: auxilary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output), USB connection and Bluetooth receiver functions.

Mounting grid delivered with the cover plate (without fixing claws).

Cover plate code: 8568.

9368.7 2CLA936870A1001 1



Cover plate for radio/remote control modules

Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7. Included: cover plate and mounting grid. Without fixing claws.

Soft White	8568 BL	2CLA856800A1101	1
Silver	8568 PL	2CLA856800A1301	1
Soft Black	8568 NS	2CLA856800A1501	1
Stainless Steel	8568 AI	2CLA856800A1401	1
Antique Gold	8568 OE	2CLA856800A1201	1

Sky Niessen - Sound system

Auxiliary module

Product	Article-No.	Order-No.	Pack/Qty
	Max. consumptic Stand-by consup Bluetooth receiv USB connector: f of the connected Input: 1x mini-jac Output: 1x mini-jac	rough 9368, 9368.2 or 93 on: 200 mA. or: 200 mA. or: Bluetooth® v2.1 2.4Gl for MP3 and WAV files. M d device: 100 mA @5Vdc ck stereo 3,5 mm. ack stereo 3,5 mm.	Hz IEEE 802.15.1. lax. consuption



9368.3

Cover plate for I/O + USB + Bluetooth module

Cover plate for I/O + USB + Bluetooth module code: 9368.3.

2CLA936830A1001

Included: cover plate and mounting grid. Without fixing claws.

Soft White	8568.3 BL	2CLA856830A1101	1
Silver	8568.3 PL	2CLA856830A1301	1
Soft Black	8568.3 NS	2CLA856830A1501	1
Stainless Steel	8568.3 AI	2CLA856830A1401	1
Antique Gold	8568.3 OE	2CLA856830A1201	1

Sky Niessen - Sound system

2" loudspeaker for wall

Product	Article-No.	Order-No.	Pack/Qty
	9368, 9368.1, 93 With broadband With screwless Rated output: 2 Frequency resp Impedance: 16 Mounting deptl Without fixing of	h sound modules and amplifi 868.7 and 9335.1. d characteristics. terminals. W (RMS). onse: 150 - 16.000 Hz. Ohm. h: 34 mm.	er code:
	9329	2CLA932900A1001	1



Cover plate for 2" loudspeaker

Cover plate for 2" loudspeaker code: 9329.

Soft White	8529 BL	2CLA852900A1101	5	
Silver	8529 PL	2CLA852900A1301	5	
Soft Black	8529 NS	2CLA852900A1501	5	
Stainless Steel	8529 AI	2CLA852900A1401	5	
Antique Gold	8529 OE	2CLA852900A1201	5	



Cover plate for 2" loudspeaker

Cover plate for 2" loudspeaker code: 9329.

Chrome	8629 CR	2CLA862900A1401	5
Black Glass	8629 CN	2CLA862900A1501	5



Embellishing grid for 2" loudspeaker

Embellishing grid for 2" loudspeaker code: 9329.

Plastic material.

White	9399.4 BA	2CLA939940A1001	5	
Black	9399.4 NG	2CLA939940A1501	5	

5" loudspeaker for ceiling

Product	Article-No.	Order-No.	Pack/Qty
	9368, 9368.1, 93 With broadband With screw term Rated output: 6 Frequency respondence: 16 C	n sound modules and amplifi 68.7 and 9335.1. I characteristics. Ininals. W (RMS). Onse: 70 - 10.000 Hz. Ohm. Installation with 9399 mount g ring.	
	9329.1	2CLA932910A1001	1



Installation box for 5" loudspeaker

For 9329.1 loudspeaker. For flush-mounted assembly. Drilling measurements: 174 mm. Mounting depth: 84 mm.

9399	2CLA939900A1001	12	



Installation ring for 5" loudspeaker

For 9329.1 loudspeaker. For mounting in hollow walls/ceilings. With spring brackets.

Drilling measurements: 160 mm. Mounting depth: 110 mm.

9399.1	2CLA939910A1001	12	
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Embellishing grid for 5" loudspeaker

Embellishing grid for 5" loudspeaker code: 9329.1. Plastic material.

With central fixation screw.

9399.2	2CLA939920A1001	12	
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Auxiliary amplifier



Auxiliary 20W amplifier

Rated voltage: 230 Vac \pm 10 % / 50-60 Hz. Power consumption: 3,5 VA (max. 36 VA). Output voltage: 15 V- (max. 1,5 A). Output power:

- 10 + 10 W (2 Ω).

- 20 W (4 Ω).

Speaker impedance:

- 2 - 16 Ω (10 + 10 W).

- 4 - 16 Ω (20 W).

Can be operated in booster mode with FM radio modules 9368 and 9368.7 and multiroom modules 9368.1. Can be operated in ""standalone"" mode with one audio

input. Can be used in bridge operation.

For extending the number of speakers at one amplifier

For max. 16 speakers code 9329 or 9329.1. DIN-rail installation. Module width: 7.

9335.1	2CLA933510A1001	1	
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Sky Niessen - Sound system

Potentiometers

Product	Article-No.	Order-No.	Pack/Qty
and Control	Potentiometer fo	r loudspeakers 3W	

(9)

Wire-wound potentiometer. $3\ W\ /\ 27\ \Omega$. For low impedance circuits. Without fixing claws. Cover plate code: 8559.

8159.3 2CLA815930A1001 1



Potentiometer for loudspeakers 5W

Wire-wound potentiometer. 5 W / 47 Ω . For low impedance circuits. Without fixing claws. Cover plate code: 8559.

8159.5 2CLA815950A1001 1



Cover plate with rotatory knob for potentiometer Cover plate with rotatory knob for potentiometer: 8159.3 & 8159.5.

Soft White	8559 BL	2CLA855900A1101	1
Silver	8559 PL	2CLA855900A1301	1
Soft Black	8559 NS	2CLA855900A1501	1
Stainless Steel	8559 AI	2CLA855900A1401	1
Antique Gold	8559 OE	2CLA855900A1201	1

Connection units

8157.1

Product	Article-No.	Order-No.	Pack/Qty
	Speaker connection Front: 2x spring s	eaker terminals (Red, ninals. vs.	/Black).



Cover plate for speaker connection unit

Cover plate for speaker connection unit code: 8157.1.

2CLA815710A1101

Soft White	8557.1 BL	2CLA855710A1101	1
Silver	8557.1 PL	2CLA855710A1301	1
Soft Black	8557.1 NS	2CLA855710A1501	1
Stainless Steel	8557.1 AI	2CLA855710A1401	1
Antique Gold	8557.1 OE	2CLA855710A1201	1

Pack/Qty

Sky Niessen - Free@home - Home automation

Sensors

Sensor & dimmer actuators

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/0
	For sending swit an ABB-free@ho Control element: Display elements of switching sta Mounting depth To be installed w	: Switch contacts top/ b s: LED as light for orient te.	oottom. ation or display RD-1-85,		free@home sensor/Dimmer act: For dimming 230 V~ loads. With i dimming actuator for controlling dimming function is available pre Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps at with conventional transformers or electre Rated power: 10–180 W / VA. Suitable for: LEDi and energy-sav Rated power: 2–80 W / VA.		ted universal ent lamps. The gured. oltage halogen lan isformers.
	For sending swit an ABB-free@ho					: 32 mm. rith SR-1-85, SRL-1-85, S S-1-85 cover plates.	RD-1-85,
	Display elements	: Switch contacts top/ b s: LED as light for orient			SDA-F-1.1.1	2CKA006220A01	126 1
707					For dimming 230	sor/Dimmer actuator -) V~ loads. With integra or for controlling differe	ted universal
	SU-F-2.0.1	2CKA006220A01	18 1		Outputs: 1× dimi	on is available pre-config ming channel. V incandescent lamps a	

Sensor & switch actuators

Pack/Qty Product Article-No. Order-No. free@home Sensor/Switch actuator - 1/1-gang



For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A.

Rated current: 10 A.
Rated power: 2300 W.
Suitable for: capacitive.
Rated current: 10 AX.

Mounting depth: 32 mm.
To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.



free@home Sensor/Switch actuator - 2/1-gang For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Outputs: 1× normally open contact, potential free. Suitable for: resistive.

2CKA006220A0123

Rated current: 10 A.
Rated power: 2300 W.
Suitable for: capacitive.
Rated current: 10 AX.

Mounting depth: 32 mm.
To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85

cover plates.

SSA-F-1.1.1

SSA-F-2.1.1

2CKA006220A0124

1

1



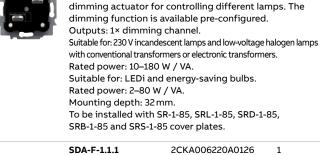
free@home Sensor/Switch actuator - 2/2-gang For switching 230 V~ devices. With 2 integrated switch actuator. Switching function is available pre-configured. Outputs: 2× normally open contact, potential free. Suitable for: resistive.

Rated current: 10 A.
Rated power: 2 x 1200 W.
Suitable for: capacitive.
Rated current: 10 AX.

Mounting depth: 32 mm.
To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.

Mounting depth: 32 mm.
To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.

2CKA006220A0125 SSA-F-2.2.1



ctuator - 2/1-gang

nt lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Rated power: 10-180 W / VA.

Suitable for: LEDi and energy-saving bulbs.

Rated power: 2-80 W / VA. Mounting depth: 32 mm.

To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85

cover plates.

SDA-F-2.1.1 2CKA006220A0127

Sensor & blind actuators

Product Article-No. Order-No. Pack/Qty



free@home Sensor/Blind actuator - 1/1-gang

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. Outputs: 1× Change-over contacts/normally open

contact, potential-bound. Rated power: 920 VA. Rated current: 4 A.

Suitable for: Operating mode blind.

Mounting depth: 32 mm.

To be installed with SR-1-85, SRL-1-85, SRD-1-85,

SRB-1-85 and SRS-1-85 cover plates.

SBA-F-1.1.1 2CKA006220A0128



free@home Sensor/Blind actuator - 2/1-gang

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. Outputs: 1× Change-over contacts/normally open contact, potential-bound.

Rated power: 920 VA. Rated current: 4 A.

Suitable for: Operating mode blind.

Mounting depth: 32 mm.

To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.

SBA-F-2.1.1 2CKA006220A0129

Sky Niessen - Free@home - Home automation

Room temperature controller

Article-No.

Wireless sensors

Product

free@home Room temperature controller

Control element with room temperature control function for controlling commercially available actuating drives or analogue actuating drives (continuous controllers), as well as fan coils. With display of setvalue temperature. Display elements: LCD Display showing operation modes. Mounting depth: 14 mm.

Order-No.

To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 cover plates for fan coil control.

RTC-F-1

2CKA006220A0122

Pack/Qty

Motion sensor & actuators

Product Article-No. Order-No. Pack/Qty



free@home 180° motion sensor

With select lens for detection with animal access. For automatic switching of ABB-free@home® actuators dependent on movement and brightness.

To be used with.

Detection range: frontal 6 m, lateral 3 m.

Detection angle: 180°.

Brightness limit value: 1 - 500 lux.

Protection class of device: IP 20.

Mounting depth: 14.1 mm.

To be installed with CP-MD-85 cover plates (mounting arid without claws included).

MD-F-1.0.PB.1

2CKA006220A0229



free@home 180° motion sensor/actuator

With select lens for detection with animal access. Including an integrated actuator for switching 230 V~

Outputs: 1× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX.

Detection range: frontal 6 m, lateral 3 m.

Detection angle: 180°.

Brightness limit value: 1 - 500 lux. Protection class of device: IP 20. Mounting depth: 31.5 mm.

To be installed with CP-MD-85 cover plates (mounting grid without claws included).

MSA-F.1.1.PB.1

2CKA006220A0231

Product Article-No. Order-No. Pack/Qty



free@home Sensor unit - 1-gang - Wireless

Rated voltage: 230 Vac - 50/60Hz.

For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator. Wireless communication with the free@home system. With fixing claws.

Control element: switch contacts top/bottom.

Display elements: LED as light for orientation or display of the switching state.

Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with SR-1-85 cover plates.

SU-F-1.0.1-WL

2CKA006200A0072



free@home Sensor unit - 2-gang - Wireless

Rated voltage: 230 Vac - 50/60Hz.

For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator. Wireless communication with the free@home system. With fixing claws.

Control element: switch contacts top/bottom.

Display elements: LED as light for orientation or display of the switching state.

Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with SR-2-85 cover plates.

SU-F-2.0.1-WL

2CKA006200A0073



free@home Sensor/Switch actuator - 1/1-gang - Wireless

Rated voltage: 230 Vac - 50/60Hz.

For switching 230 V~ consumers.

Wireless communication with the free@home system. With integrated switch actuator, Switching function is available also without prior programming (preconfigured).

Configuration can be changed later via the web interface (groups, scenes, etc.).

3 wire connection (neutral conductor required).

With 230 V extension unit input (On/Off).

With fixing claws.

Control element: switch contacts top/bottom.

Display elements: LED as light for orientation or display

of the switching state.

Outputs: 1 Normally Open contact, potential-bound

(output voltage: 230 Vac) Suitable for: ohmic.

Rated current / power: 10 A / 2300 W.

Suitable for: capacitive.

Rated current / power: 10 AX / 2300 VA.

Suitable for: inductive.

Rated current / power: 10 A / 2300 VA. Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with SR-1-85 cover plates.

SSA-F-1.1.1-WL

2CKA006200A0074

Pack/Qty

Sky Niessen - Free@home - Home automation

Wireless sensor & switch actuators

Wireless sensor & dimmer actuators

Product Article-No. Order-No. Pack/Qty



free@home Sensor/Switch actuator - 2/1-gang - Wireless

Rated voltage: 230 Vac - 50/60Hz.

For switching 230 V~ consumers.

Wireless communication with the free@home system. With integrated switch actuator, Switching function is available also without prior programming (preconfigured).

Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.). 3 wire connection (neutral conductor required). With 230 V extension unit input (On/Off).

With fixing claws.

Control element: switch contacts top/bottom.

Display elements: LED as light for orientation or display of the switching state.

Outputs: 1 Normally Open contact, potential-bound

(output voltage: 230 Vac). Suitable for: ohmic.

Rated current / power: 10 A / 2300 W.

Suitable for: capacitive.

Rated current / power: 10 AX / 2300 VA.

Suitable for: inductive.

Rated current / power: 10 A / 2300 VA. Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with SR-2-85 cover plates.

SSA-F-2.1.1-WL

2CKA006200A0075



free@home Sensor/Switch actuator - 2/2-gang - Wireless

Rated voltage: 230 Vac - 50/60Hz.

For switching 230 V~ consumers.

Wireless communication with the free@home system. With integrated 2-gang switch actuator. Switching function is available also without prior programming (pre-configured).

Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.). 3 wire connection (neutral conductor required).

With two 230 V extension unit inputs (On/Off).

With fixing claws.

Control element: switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state.

Outputs: 2 Normally Open contacts, potential-bound

(output voltage: 230 Vac).

Suitable for: ohmic.

Rated current / power: 5 A / 1200 W.

Suitable for: capacitive. Rated power: 920 VA.

Suitable for: inductive. Rated power: 800 VA.

Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with SR-2-85 cover plates.

SSA-F-2.2.1-WL 2CKA006200A0076



Product

free@home Sensor/Dimmer actuator - 1/1-gang - Wireless

Order-No.

Rated voltage: 230 Vac - 50/60Hz.

For dimming 230 V~ loads.

Article-No.

Wireless communication with the free@home system. With integrated universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, lowvoltage halogen lamps with conventional or electronic transformers, and dimmable energy-saving halogen lamps. For dimmable Retrofit-LEDs (LEDi). Dimming function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). 2-wire connection (neutral conductor not required) 3-wire connection technology is possible as an option for improved load behaviour (for details see the manual). With 230 V extension unit input (dimming brighter/ darker, switching).

With fixing claws.

Control element: switch contacts top/bottom.

Display elements: LED as light for orientation or display

of the switching state.

Outputs: 1 dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or

electronic transformer. Rated power: 20 - 180 W / VA.

Suitable for: LEDi and energy-saving bulbs; typical.

Rated power: 2 - 80 W / VA.

Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm.

To be installed with SR-1-85 cover plates.

SDA-F-1.1.1-WL

2CKA006200A0077



free@home Sensor/Dimmer actuator - 2/1-gang - Wireless

Rated voltage: 230 Vac - 50/60Hz.

For dimming 230 V~ loads.

Wireless communication with the free@home system. With integrated universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, lowvoltage halogen lamps with conventional or electronic transformers, and dimmable energysaving halogen lamps. For dimmable Retrofit-LEDs (LEDi). Dimming function is available also without prior programming (left sensor channel is pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.). 2-wire connection (neutral conductor not required) 3-wire connection technology is possible as an option for improved load behaviour (for details see the manual). With 230 V extension unit input (dimming brighter/ darker, switching).

With fixing claws.

Control element: switch contacts top/bottom Display elements: LED as light for orientation or display of the switching state.

Outputs: 1 dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.

Rated power: 20 - 180 W / VA.

Suitable for: LEDi and energy-saving bulbs; typical.

Rated power: 2 - 80 W / VA.

Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with SR-2-85 cover plates.

SDA-F-2.1.1-WL 2CKA006200A0078

Sky Niessen - Free@home - Home automation

Wireless sensor & blind actuators

Wireless temperature controller

with a remote sensor.

values and operating modes.

Mounting depth: 32 mm.

With fixing claws.

RTC-F-1-WL

Product Art

Article-No.

Order-No.

Pack/Qty

Article-No.

Order-No.

Wireless communication with the free@home system.

Control element: floating rocker for the selection of set

To be installed with CP-RTC-85 cover plates for RTC or

2CKA006200A0081

Control element with room temperature controller

function. With display of set-value temperature. In

connection with temperature sensor 6226/T the integrated room temperature controller can be fitted

Display elements: LCD showing operation modes.

Temperature range device: -5 °C to 45 °C.

free@home Room thermostat - Wireless

Rated voltage: 230 Vac - 50/60Hz. Heating/cooling operation.

Pack/Qty



free@home Sensor/Blind actuator - 1/1-gang - Wireless

Rated voltage: 230 Vac - 50/60Hz.

For controlling blind or awning motors.

Wireless communication with the free@home system. With integrated blind actuator. Blind function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.).

3 wire connection (neutral conductor required). With two 230 V extension unit inputs (Up/Down).

With fixing claws.

Control element: switch contacts top/bottom.

Display elements: LED as light for orientation or display of the switching state.

Outputs: 2 Normally Open contact, potential-bound

free@home Sensor/Blind actuator - 2/1-gang - Wireless

Wireless communication with the free@home system.

With integrated blind actuator. Blind function is available also without prior programming (pre-configured).

Configuration can be changed later via the web interface

(groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.).

3 wire connection (neutral conductor required).

Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display

Temperature range device: -5 °C to 45 °C.

To be installed with SR-2-85 cover plates.

With two 230 V extension unit inputs (Up/Down).

Outputs: 2 Normally Open contacts, potential-bound

(output voltage: 230 Vac). Suitable for: blind motors.

Rated current / power: 4 A / 920 VA. Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with SR-1-85 cover plates.

Rated voltage: 230 Vac - 50/60Hz.

For controlling blind or awning motors.

SBA-F-1.1.1-WL

With fixing claws.

of the switching state.

(output voltage: 230 Vac).

Suitable for: blind motors.

Rated current / power: 4 A / 920 VA.

Mounting depth: 32 mm.

2CKA006200A0079



free@home Room thermostat/actuator - Wireless

Rated voltage: 230 Vac - 50/60Hz. Rated frequency: 50 Hz / 60 Hz. Heating/cooling operation.

CP-RTC-FC-85 for fan coil control.

Control element with room temperature controller function. With display of set-value temperature. With integrated switch actuator, e.g. for controlling thermoelectric actuating drives in heating/cooling systems or electric floor heating systems. RTC function is available also without prior programming (pre-configured). In connection with temperature sensor

Wireless communication with the free@home system.

(pre-configured). In connection with temperature sensor 6226/T the integrated room temperature controller can be fitted with a remote sensor.

3 wire connection (neutral conductor required). With fixing claws.

Control element: floating rocker for the selection of set values and operating modes.

Display elements: LCD showing operation modes. Outputs: 1 Normally Open contact, potential-bound (output voltage: 230 Vac).

Suitable for: ohmic.

RTC-F-2.1.1-WL

Rated current / power: 16 A / 3680 W. Temperature range device: -5 °C to 45 °C.

Mounting depth: 32 mm.

To be installed with CP-RTC-85 cover plates.

SBA-F-2.1.1-WL

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2CKA006200A0082

1



Product

Pack/Qty

Sky Niessen - Free@home - Home automation

Cover plates

Color	Article-No.	Order-No.	Pack/Qty	
٠	Cover plate - free@home 1-gang sensors Cover plate for free@home sensors and sensor/actuator with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL. Without symbol.			
Soft White	SR-1-85 BL	2CLA852620A1101	1	
Silver	SR-1-85 PL	2CLA852620A1301	1	
Soft Black	SR-1-85 NS	2CLA852620A1501	1	

SR-1-85 AI

SR-1-85 OE



Stainless Steel

Antique Gold

Cover plate - free@home 1-gang sensors - Switch Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL,

2CLA852620A1401

2CLA852620A1201

1

1

SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL. With Light symbol.

Soft White	SRL-1-85 BL	2CLA852626A1101	1
Silver	SRL-1-85 PL	2CLA852626A1301	1
Soft Black	SRL-1-85 NS	2CLA852626A1501	1
Stainless Steel	SRL-1-85 AI	2CLA852626A1401	1
Antique Gold	SRL-1-85 OE	2CLA852626A1201	1



Cover plate - free@home 1-gang sensors - Dimmer Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL. With Dimming symbol.

Soft White	SRD-1-85 BL	2CLA852625A1101	1
Silver	SRD-1-85 PL	2CLA852625A1301	1
Soft Black	SRD-1-85 NS	2CLA852625A1501	1
Stainless Steel	SRD-1-85 AI	2CLA852625A1401	1
Antique Gold	SRD-1-85 OE	2CLA852625A1201	1



Cover plate - free@home 1-gang sensors - Blind Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL. With Blind symbol.

Soft White	SRB-1-85 BL	2CLA852623A1101	1
Silver	SRB-1-85 PL	2CLA852623A1301	1
Soft Black	SRB-1-85 NS	2CLA852623A1501	1
Stainless Steel	SRB-1-85 AI	2CLA852623A1401	1
Antique Gold	SRB-1-85 OE	2CLA852623A1201	1



Color

Order-No. Cover plate - free@home 1-gang sensors - Scene

Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL.

With Scene symbol.

Article-No.

Soft White	SRS-1-85 BL	2CLA852627A1101	1
Silver	SRS-1-85 PL	2CLA852627A1301	1
Soft Black	SRS-1-85 NS	2CLA852627A1501	1
Stainless Steel	SRS-1-85 AI	2CLA852627A1401	1
Antique Gold	SRS-1-85 OE	2CLA852627A1201	1



Cover plate - free@home 2-gang sensors

Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. Without symbol.

Suitable for both gangs.

Soft White	SR-2-85 BL	2CLA852640A1101	1
Silver	SR-2-85 PL	2CLA852640A1301	1
Soft Black	SR-2-85 NS	2CLA852640A1501	1
Stainless Steel	SR-2-85 AI	2CLA852640A1401	1
Antique Gold	SR-2-85 OE	2CLA852640A1201	1



Cover plate - free@home 2-gang sensors - Switch - Left Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Light symbol.

Suitable for the left gang.

SRL-2-L-85 BL	2CLA852642A1101	1	
SRL-2-L-85 PL	2CLA852642A1301	1	
SRL-2-L-85 NS	2CLA852642A1501	1	
SRL-2-L-85 AI	2CLA852642A1401	1	
SRL-2-L-85 OE	2CLA852642A1201	1	
	SRL-2-L-85 PL SRL-2-L-85 NS SRL-2-L-85 AI	SRL-2-L-85 PL 2CLA852642A1301 SRL-2-L-85 NS 2CLA852642A1501 SRL-2-L-85 AI 2CLA852642A1401	SRL-2-L-85 PL 2CLA852642A1301 1 SRL-2-L-85 NS 2CLA852642A1501 1 SRL-2-L-85 AI 2CLA852642A1401 1



Cover plate - free@home 2-gang sensors - Switch - Right Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Light symbol.

Suitable for the right gang.

Soft White	SRL-2-R-85 BL	2CLA852648A1101	1
Silver	SRL-2-R-85 PL	2CLA852648A1301	1
Soft Black	SRL-2-R-85 NS	2CLA852648A1501	1
Stainless Steel	SRL-2-R-85 AI	2CLA852648A1401	1
Antique Gold	SRL-2-R-85 OE	2CLA852648A1201	1

Sky Niessen - Free@home - Home automation

Cover plates

Color	Article-No.	Order-No.	Pack/Qty
		,	



Cover plate - free@home 2-gang sensors - Dimmer - Left
Cover plate for free@home sensors and sensor/actuators
with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1,
SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1,
SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL,
SDA-F-2.1.1-WL, SBA-F-2.1.1-WL.
With Dimming symbol.
Suitable for the left gang.

Soft White	SRD-2-L-85 BL	2CLA852641A1101	1
Silver	SRD-2-L-85 PL	2CLA852641A1301	1
Soft Black	SRD-2-L-85 NS	2CLA852641A1501	1
Stainless Steel	SRD-2-L-85 AI	2CLA852641A1401	1
Antique Gold	SRD-2-L-85 OF	2CLA852641A1201	1



Cover plate - free@home 2-gang sensors - Dimmer - Right
Cover plate for free@home sensors and sensor/actuators
with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1,
SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1,
SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL,

SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Dimming symbol. Suitable for the right gang. Suitable for both gangs.

Soft White	SRD-2-R-85 BL	2CLA852640A2101	1
Silver	SRD-2-R-85 PL	2CLA852640A2301	1
Soft Black	SRD-2-R-85 NS	2CLA852640A2501	1
Stainless Steel	SRD-2-R-85 AI	2CLA852640A2401	1
Antique Gold	SRD-2-R-85 OE	2CLA852640A2201	1



Cover plate - free@home 2-gang sensors - Blind
Cover plate for free@home sensors and sensor/actuators
with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1,
SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL.
With Blind symbol.
Suitable for both gangs.

Soft White	SRB-2-85 BL	2CLA852643A1101	1
Silver	SRB-2-85 PL	2CLA852643A1301	1
Soft Black	SRB-2-85 NS	2CLA852643A1501	1
Stainless Steel	SRB-2-85 AI	2CLA852643A1401	1
Antique Gold	SRB-2-85 OE	2CLA852643A1201	1



Cover plate - free@home 2-gang sensors - Scene - Left

Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Scene symbol.

Suitable for the left gang.

Soft White	SRS-2-L-85 BL	2CLA852644A1101	1
Silver	SRS-2-L-85 PL	2CLA852644A1301	1
Soft Black	SRS-2-L-85 NS	2CLA852644A1501	1
Stainless Steel	SRS-2-L-85 AI	2CLA852644A1401	1
Antique Gold	SRS-2-L-85 OE	2CLA852644A1201	1



Color

Article-No. Order-No. Pack/Qty

Cover plate - free@home 2-gang sensors - Scene - Right
Cover plate for free@home sensors and sensor/actuators
with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1,
SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL.
With Scene symbol.

Suitable for the right gang.

Soft White	SRS-2-R-85 BL	2CLA852647A1101	1
Silver	SRS-2-R-85 PL	2CLA852647A1301	1
Soft Black	SRS-2-R-85 NS	2CLA852647A1501	1
Stainless Steel	SRS-2-R-85 AI	2CLA852647A1401	1
Antique Gold	SRS-2-R-85 OE	2CLA852647A1201	1



Cover plate - free@home RTC

Cover plate with RTC symbols for free@home room temperature controler code: RTC-F-1, RTC-F-1-WL and RTC-F-2.1-1-WL.

Soft White	CP-RTC-85 BL	2CLA854060A1101	1
Silver	CP-RTC-85 PL	2CLA854060A1301	1
Soft Black	CP-RTC-85 NS	2CLA854060A1501	1
Stainless Steel	CP-RTC-85 AI	2CLA854060A1401	1
Antique Gold	CP-RTC-85 OE	2CLA854060A1201	1



Cover plate - free@home fan coil control

Cover plate with fan coil control symbols for free@home room temperature controler code: RTC-F-1 and RTC-F-1-WL.

Soft White	CP-RTC-FC-85 BL	2CLA855420A1101	1
Silver	CP-RTC-FC-85 PL	2CLA855420A1301	1
Soft Black	CP-RTC-FC-85 NS	2CLA855420A1501	1
Stainless Steel	CP-RTC-FC-85 AI	2CLA855420A1401	1
Antique Gold	CP-RTC-FC-85 OE	2CLA855420A1201	1



Cover plate - free@home motion sensor

Cover plate for free@home motion sensors and sensor/ actuators code: MD-F-1.0.PB.1 and MSA-F.1.1.PB.1.

Soft White	CP-MD-85 BL	2CLA854160A1101	1
Silver	CP-MD-85 PL	2CLA854160A1301	1
Soft Black	CP-MD-85 NS	2CLA854160A1501	1
Stainless Steel	CP-MD-85 AI	2CLA854160A1401	1
Antique Gold	CP-MD-85 OE	2CLA854160A1201	1

Touch displays

Color	Article-No.	Order-No.	Pack/Qty
	free@home® fublind, RTC, scer Display of the well- Welcome door of Suitable as root (up to 8). Surface mounti The bus can be Display size / re Consumer units Display element Dimensions: (L Programming of interface of the The power is succontroller or whe without an ABB power supply is Protection class	control of up to 16 configural control of up to 16 configural controls of type: switching, it is, philips HUE. Ideo image of the outdoor sentry system. In temperature controller extends of the control of the connected via enclosed term as colution: 17.8 cm (7") / 800 is: 11 is: TFT Touch Display x W x D): 155 mm x 218 mm x and y with bus voltage applied by the ABB-Welcome system Access Point. System Access Point. System using the ABB-Free@hord-Welcome system, a separal is required.	dimming, station of ABB- stension unit ninal block. x 480 x 29 mm d via the web
White	DP7-S-611	2CKA008300A0356	1



Black

ABB-free@homeTouch 4.3"

DP7-S-625

For the central control of up to 16 configurable ABB-free@home® functions.

For the display of configurable system messages. A configurable primary function can be triggered with a multi-touch gesture.

2CKA008300A0357

1

Capacitive touch screen with closed glass surface. With integrated room temperature controller and temperature sensor.

In connection with temperature sensor 6226/T the integrated room temperature controller can be fitted with a remote sensor.

Suitable as room temperature controller extension unit

Requires additional ABB power supply 24 VDC. Display size / resolution: 10.9 cm (4.3") / 480 x 854.

Mounting height: 8 mm

Control element: freely programmable touch surfaces.

Display elements: LCD display

Bus voltage: 24 V-

Dimensions: (L x W x D): 104 mm x 143 mm x 53 mm Programming only with bus voltage applied via the web

interface of the System Access Point. Protection class (device): IP20

Temperature range (device): -5 °C to 40 °C

White	DP4-1-611	2CKA006220A0119	1
Black	DP4-1-625	2CKA006220A0120	1





For flush-mounted in hollow-wall installation of the ABBfree@homeTouch 4.3". Windproof.

Installation dimensions (H x W x D): 82 mm x 123 mm x 50 mm Mounting depth: 50 mm Halogen free.

2CKA006220A0389 DP4-F



Temperature sensor

For use as remote sensor with ABB- free@homeTouch 4.3".

Line type: H03 VV-F Cable length: 4 m Type: NTC 10 kohm.

DP4-T-1 2CKA006220A0721

System Access Point

Product	Article-No.	Order-No.	Pack/Qty
	System Access Point - Wireless For commissioning and remote control of the ABB-free@home® system. With integrated free@home wireless antenna. With integrated free@home bus connection. Allows the execution of astro and time programs. Commissioning and remote control is executed via the web interface or app. No additional commissioning software is required. Easy commissioning with WLAN ad-hoc mode. WLAN modes switchable via local operation. Connection to the home network via WLAN client mode or via CAT cable. The bus connection is provided via the enclosed bus terminal. Display elements: LED for status display. Rated voltage: 230 V~; 50/60 Hz. Bus voltage: 24 V. Dimensions: (L x W x D): 110 mm x 170 mm x 31 mm Programming via the web interface of the System Access Point. Protection class (device): IP20		
	SAP-S-2	2CKA006200A0105	1
	External antenna - Wireless For use with System Access Point SAP-S-2 and SAP-S-127.2. Feed the free@home wireless signal to the outside when the internal antenna of the System Access Point is shielded due to structural conditions. With magnetic base. Cable length: 1.5 m		

2CKA006200A0100

SAP-1-WL

Weather station

Product	Article-No.	Order-No.	Pack/Qty
	temperature, Weather data automatically Weather data interface and Wind speed m The bus can b Rated voltage: 2 Inputs: 4 Temperature Brightness lin Dimensions: (Protection cla	and transmitting of brightness, wind speed and rain. can be linked with actuators to control functions. can be visualized in the free@hothe free@home app. heasuring range 2 - 30 m/s he connected via enclosed terminal in the free with the fr	ome web nal block.
	WS-1	2CKA006220A0390	1
Power su	ıpply		
Product	Article-No.	Order-No.	Pack/Qty

Product	Article-No.	Order-No.	Pack/Qty
TO THE PART OF T	Fast diagnosis d readiness and er The bus can be c Display elements Rated voltage: 12 Secondary: 30 V, Outputs: 1 Rated current: 64 Protection class Temperature ran	onnected via enclosed to onnected via enclosed to operational load/over 17 V~ - 230 V~, +10 % / -1 +2 V /2 V 40 mA (device): IP20 ge (device): -5 °C to 45 °W x D): 90 mm x 72 mm	terminal block. load LED 15%; 50/60Hz

2CDG510001R0011

PS-M-64.1.1

Binary inputs

Product Article-No. Order-No. Pack/Qty



Binary input 2-gang

Conventional push-buttons or auxiliary contacts can be connected to 2 channels. The information of the contact scanning can be used for activating ABB-free@home® actuators or for recording status information. The contact polling voltage is made available from the binary input itself. Extension of the connecting cables possible by a maximum of 10 m.

Flush-mounted device for installation in a 60 mm device box or distribution box.

The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.

Bus voltage: 24 V

Inputs: 2

Polling voltage: 20 V-

Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C

Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm.

BI-F-2.0.1

2CDG510002R0011



Binary input 4-gang

Conventional push-buttons or auxiliary contacts can be connected to 4 channels. The information of the contact scanning can be used for activating ABB-free@ home® actuators or for recording status information. The contact polling voltage is made available from the binary input itself. Extension of the connecting cables possible by a maximum of 10 m.

Flush-mounted device for installation in a 60 mm device box or distribution box.

The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.

Bus voltage: 24 V

Inputs: 4

Polling voltage: 20 V-

Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm

2CDG510003R0011



Binary input 4-gang

The device detects AC/DC signals of 10 - 230 V via 4 channels. The information of the signal evaluation can be used for controlling ABB-free@home® actuators or for recording status information.

The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.

Bus voltage: 24 V

Inputs: 4

Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 36 mm x 64 mm

Module width DIN-rail): 2 MW

BI-M-4.0.1

2CDG510004R0011

Switch actuators

Product Article-No. Order-No. Pack/Qty



Binary input 8-gang / switch actuator 8-gang

Combination device with 8 binary inputs and 8 switch

Conventional push-buttons or auxiliary contacts can be connected to 8 channels. The information of the contact scanning can be used for activating ABB-free@home® actuators or for recording status information.

The contact polling voltage is made available by the device itself.

Maximum cable length at a cable cross-section of 1.5 mm² < 100 m

For switching 8 independent 230 V~ loads.

No additional commissioning software is required. Programming only with bus voltage applied via the web interface of the System Access Point.

Bus voltage: 24 V

Inputs: 8

Polling voltage: 35 V-

Outputs: 8 Normally Open contact, potential free Suitable for: AC1 (Output voltage: 230 V~)

Rated current: 6 A, $\cos \phi$ 0.8

Suitable for: AC3 (Output voltage: 230 V~)

Rated current: 6 A, cos φ 0.45 Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 144 mm x 64.5 mm

Module width (DIN-rail): 8 MW.

SA-M-8.8.1

2CDG510007R0011



Switch actuator 4-gang

For switching 4 independent 127 V~/230 V~ loads. Each contact has a manual operation function independent of auxiliary voltage for additionally displaying the contact setting.

The bus can be connected via enclosed terminal block.

Control element: relay control element. Display elements: relay control element.

Programming only with bus voltage applied via the web interface of the System Access Point.

Power dissipation: 4 W

Bus voltage: 24 V

Outputs: 4

Suitable for: AC1 (Output voltage: 230 V~)

Rated current: 16 A. cos @ 0.8

Suitable for: AC3

Rated current: 8 A, $\cos \varphi$ 0.45

Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm

Module width (DIN-rail): 4 MW.

SA-M-0.4.1 2CDG510006R0011

Dimmer actuator

oduct	Article-No.	Order-No.	Pack/Qty
	LEDs, incandes voltage haloger transformers, a For dimmable I Increasing the The outputs car Outputs auton In addition, the Status indicati The bus can be Display elemer Programming interface of the Rated voltage: 24 Outputs: 4 dim Suitable for: 25 halogen lamps electronic translated power: 1 Suitable for: LI Rated power: 2 Protection class Temperature r. Dimensions: (Li Module width	iniversal dimming actuator for cent lamps, 230 V halogen lam namps with conventional or early dimmable energy-saving haterofit-LEDs (LEDi). max. load via channel bridgin in be switched parallel in any conatically recognize the connected via enclosed term of the channels via LED. connected via enclosed term only with bus voltage applied e system Access Point. 230 V~; 50/60 Hz 4 V mming channel 30 V incandescent lamps and with conventional transform sformer. 0 315 W/VA EDI and energy-saving bulbs; 2-80 W/VA EDI and energy-saving bulbs; 2-80 W/VA ESI (device): IP20 ange (device): -5 °C to 45 °C x W x D): 90 mm x 144 mm x (DIN-rail): 8 MW.	nps, low- electronic halogen lamps g possible. mbination. heted load. d manually. hinal block. hivia LED. d via the web low-voltage hers or typical 64 mm
	DA-M-0.4.2	2CKA006220A0395	1

Blind actuator

Product Article-No. Order-No. Pack/Qty



Blind actuator 4-gang

For controlling 4 independent blind or roller shutter drives. The outputs are inversely blocked.

The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.

Power dissipation: 2 W Bus voltage: 24 V

Outputs: 4

Suitable for: AC3 (Output voltage: 230 V~)

Rated current: 6 A, cos φ0.45 Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): $90 \, \text{mm} \, \text{x} \, 72 \, \text{mm} \, \text{x} \, 64 \, \text{mm}$

Module width (DIN-rail): 4 MW.

BA-M-0.4.1 2CDG510011R0011

Heating & fan coil actuators

Product Article-No. Order-No. Pack/Qty Heating actuator 6-gang For controlling thermoelectric actuating drives in heating/cooling systems. The outputs are protected against short-circuit and overload. The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point. Power dissipation: 2 W Bus voltage: 24 V Outputs: 6 Suitable for: resistive Rated current: 160 mA Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C. Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm. Module width (DIN-rail): 4 MW.



Heating actuator 12-gang

HA-M-0.6.1

For controlling thermoelectric actuating drives in heating/cooling systems.

2CDG510008R0011

The outputs are protected against short-circuit and overload.

The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.

Power dissipation: 4 W

Bus voltage: 24 V Outputs: 12 Suitable for: ohmic

Rated current: 160 mA Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm.

Module width: 8 MW.

HA-M-0.12.1 2CDG510009R0011



Fan coil actuator

For controlling blower convectors. Supports 2-pipe and 4-pipe system for heating and cooling. The fan speed levels can be switched using a changeover or step switch function.

Three contacts for switching a three-stage fan.
Two contacts for activating the heating and cooling valves.
Supports 24V and 230V valves.

With two binary inputs for connecting dew-point and

condensation contacts.
The scanning voltage is provided by the device.

The bus connection is provided via the enclosed bus terminal. Programming only with bus voltage applied via the web interface of the System Access Point.

Bus voltage: 24 V

Inputs: 2

Polling voltage: 10 V-

Outputs: 3 Normally Open contact, potential free Suitable for: AC3 (Output voltage: 230 V~)

Rated current: 6 A

Protection class (device): IP20

Temperature range (device): -5 °C to 45 °C. Dimensions: (L x W x D): 90 mm x 108 mm x 64.5 mm.

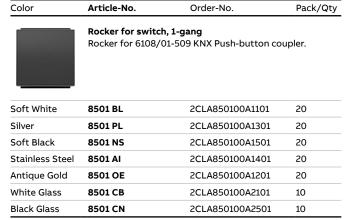
Module width (DIN-rail): 6 MW.

FCA-M-2.3.1 2CDG510010R0011 1

Push-button coupler

Rockers

Product	Article-No.	Order-No.	Pack/Qty		
	KNX Push-button coupler - 1/2-gang For contacting conventional 1-gang rocker switches. With middle position. The bus can be connected via enclosed terminal block. To be installed with 8501 rockers.				
	6108/01-509	2CKA006133A0214	1		
	KNX Push-button coupler - 2/4-gang For contacting conventional 2-gang rocker switches. With middle position. The bus can be connected via enclosed terminal block. To be installed with 8511 rockers.				
	6108/02-509	2CKA006133A0215	1		





Rocker for switch/push-button, 2-gangs
Rocker for 6108/02-509 KNX Push-button coupler.

Soft White	8511 BL	2CLA851100A1101	20	
Silver	8511 PL	2CLA851100A1301	20	
Soft Black	8511 NS	2CLA851100A1501	20	
Stainless Steel	8511 AI	2CLA851100A1401	20	
Antique Gold	8511 OE	2CLA851100A1201	20	
White Glass	8511 CB	2CLA851100A2101	10	
Black Glass	8511 CN	2CLA851100A2501	10	

Sensor

Product Article-No. Order-No. Pack/Qty



KNX Push-button coupler - 2-gang with bus coupler

With integrated temperature sensor.

Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With middle position.

The bus can be connected via enclosed terminal block. Control element: switch contacts top/bottom. Display elements: 2 LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light.

Connections: KNX-line - bus connection terminal. Rated voltage: 24 V-, +5 V / -5 V. Temperature range device: -5 °C to 45 °C.

To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.

6108/06-500

2CKA006133A0221



KNX Push-button coupler - 4-gang with bus coupler

With integrated temperature sensor.

Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With middle position.

The bus can be connected via enclosed terminal block. Control element: switch contacts top/bottom. Display elements: 2 LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light.

Connections: KNX-line - bus connection terminal. Rated voltage: 24 V-, +5 V / -5 V.

Temperature range device: -5 °C to 45 °C. To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.

6108/07-500

2CKA006133A0223



KNX Room thermostat with display

Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators. For controlling commercially available valve drives. With display of set-value temperature.

Master/slave configuration.

With base-load operation.

The bus can be connected via enclosed terminal block. Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%. Control element: switch contacts.

Display elements: LCD showing operation mode and temperature.

Connections: KNX-line - bus connection terminal. Rated voltage / current: 24 V- / 5 mA.

Temperature range device: -5 °C to 45 °C. To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 cover plates for fan coil control.

6108/18-500

2CKA006134A0319

1

Product Article-No. Order-No. Pack/Qty



KNX RTC with 5-gang universal input Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators. With universal input with: - max. of 5 binary inputs.

- 4 binary inputs and 1 analogue input for activating
- sensors with external power supply 1-10 V/0-10 V
 2 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V and an external temperature sensor PT1000 / T6226. With display of set-value temperature.

Master/slave configuration.

With base-load operation. The bus can be connected via enclosed terminal block.

Class of temperature controller 1.

Contribution to space heating energy efficiency 1,0%. Control element: switch contacts.

Display elements: LCD showing operation mode and temperature.

Connections: KNX-line - bus connection terminal. Rated voltage / current: 24 V- / 5 mA.

Inputs: 5. Polling voltage: binary inputs, presence and/or

window contact. Control/Signal outputs: 1, 0-10 V (passive).

Temperature range device: -5 °C to 45 °C

Tobe installed with CP-CO-85 cover plates.

6109/18-500

2CKA006134A0315



KNX RTC with CO₂/moisture sensor

Control element with room temperature controller function and CO₂/moisture/air pressure sensor. For activating heating, ventilation and fan coil actuators. With universal input with:

- max. of 5 binary inputs.
 4 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V.
- 2 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V and an external temperature sensor PT1000 / T6226. With display of set-value temperature.

Master/slave configuration.

With base-load operation.

The bus can be connected via enclosed terminal block. Class of temperature controller 1.

Contribution to space heating energy efficiency 1,0%. Control element: switch contacts.

Display elements: LCD showing operation mode and temperature.

Connections: KNX-line - bus connection terminal. Rated voltage / current: 24 V- / 5 mA. Inputs: 5. Polling voltage: binary inputs, presence and/or

window contact.

Control/Signal outputs: 1, 0-10 V (passive). Temperature range device: -5 °C to 45 °C.

6109/28-500

2CKA006134A0317



KNX 180° motion sensor

Movement detector with up to 4 channels. Detection range: frontal: 6 m, lateral: 6 m. Brightness limit value: 5 lux - 150 lux.

Detection angle: 180°.

Position for installation: vertical.

Mounting height: 1.1 m.

Temperature range (device): -5 °C to 45 °C. To be installed with CP-MD-85 cover plates (mounting

grid without claws included).

6122/98-509 2CKA006132A0307 1

Cover plates

Color	Article-No.	Order-No.	Pack/Qty
		X 1-gang sensors NX 1-gang sensors code:	6108/06-500.

Without symbol.

Soft White	SR-1-85 BL	2CLA852620A1101	1
Silver	SR-1-85 PL	2CLA852620A1301	1
Soft Black	SR-1-85 NS	2CLA852620A1501	1
Stainless Steel	SR-1-85 AI	2CLA852620A1401	1
Antique Gold	SR-1-85 OE	2CLA852620A1201	1



Cover plate - KNX 1-gang sensors - Switch Cover plate for KNX 1-gang sensors code: 6108/06-500. With Light symbol.

Soft White	SRL-1-85 BL	2CLA852626A1101	1
Silver	SRL-1-85 PL	2CLA852626A1301	1
Soft Black	SRL-1-85 NS	2CLA852626A1501	1
Stainless Steel	SRL-1-85 AI	2CLA852626A1401	1
Antique Gold	SRL-1-85 OE	2CLA852626A1201	1



Cover plate - KNX 1-gang sensors - Dimmer Cover plate for KNX 1-gang sensors code: 6108/06-500. With Dimming symbol.

Soft White	SRD-1-85 BL	2CLA852625A1101	1
Silver	SRD-1-85 PL	2CLA852625A1301	1
Soft Black	SRD-1-85 NS	2CLA852625A1501	1
Stainless Steel	SRD-1-85 AI	2CLA852625A1401	1
Antique Gold	SRD-1-85 OE	2CLA852625A1201	1



Cover plate - KNX 1-gang sensors - Blind Cover plate for KNX 1-gang sensors code: 6108/06-500. With Blind symbol.

Soft White	SRB-1-85 BL	2CLA852623A1101	1
Silver	SRB-1-85 PL	2CLA852623A1301	1
Soft Black	SRB-1-85 NS	2CLA852623A1501	1
Stainless Steel	SRB-1-85 AI	2CLA852623A1401	1
Antique Gold	SRB-1-85 OE	2CLA852623A1201	1



Cover plate - KNX 1-gang sensors - Scene Cover plate for KNX 1-gang sensors code: 6108/06-500. With Scene symbol.

Soft White	SRS-1-85 BL	2CLA852627A1101	1
Silver	SRS-1-85 PL	2CLA852627A1301	1
Soft Black	SRS-1-85 NS	2CLA852627A1501	1
Stainless Steel	SRS-1-85 AI	2CLA852627A1401	1
Antique Gold	SRS-1-85 OE	2CLA852627A1201	1





Cover plate - KNX 2-gang sensors

Cover plate for KNX 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. Without symbol. Suitable for both gangs.

Soft White	SR-2-85 BL	2CLA852640A1101	1
Silver	SR-2-85 PL	2CLA852640A1301	1
Soft Black	SR-2-85 NS	2CLA852640A1501	1
Stainless Steel	SR-2-85 AI	2CLA852640A1401	1
Antique Gold	SR-2-85 OE	2CLA852640A1201	1



Cover plate - KNX 2-gang sensors - Switch - Left Cover plate for KNX 2-gang sensors code: 6108/07-500. With Light symbol. Suitable for the left gang.

Soft White	SRL-2-L-85 BL	2CLA852642A1101	1
Silver	SRL-2-L-85 PL	2CLA852642A1301	1
Soft Black	SRL-2-L-85 NS	2CLA852642A1501	1
Stainless Steel	SRL-2-L-85 AI	2CLA852642A1401	1
Antique Gold	SRL-2-L-85 OE	2CLA852642A1201	1



Cover plate - KNX 2-gang sensors - Switch - Right Cover plate for KNX 2-gang sensors code: 6108/07-500. With Light symbol. Suitable for the right gang.

Soft White	SRL-2-R-85 BL	2CLA852648A1101	1
Silver	SRL-2-R-85 PL	2CLA852648A1301	1
Soft Black	SRL-2-R-85 NS	2CLA852648A1501	1
Stainless Steel	SRL-2-R-85 AI	2CLA852648A1401	1
Antique Gold	SRL-2-R-85 OE	2CLA852648A1201	1



Cover plate - KNX 2-gang sensors - Dimmer - Left Cover plate for KNX 2-gang sensors code: 6108/07-500. With Dimming symbol. Suitable for the left gang.

Soft White	SRD-2-L-85 BL	2CLA852641A1101	1
Silver	SRD-2-L-85 PL	2CLA852641A1301	
			1
Soft Black	SRD-2-L-85 NS	2CLA852641A1501	1
Stainless Steel	SRD-2-L-85 AI	2CLA852641A1401	1
Antique Gold	SRD-2-L-85 OE	2CLA852641A1201	1

Cover plates

Color	Article-No.	Order-No.	Pack/Qty



Cover plate - KNX 2-gang sensors - Dimmer - Right Cover plate for KNX 2-gang sensors code: 6108/07-500. With Dimming symbol. Suitable for the right gang.

Soft White	SRD-2-R-85 BL	2CLA852640A2101	1
Silver	SRD-2-R-85 PL	2CLA852640A2301	1
Soft Black	SRD-2-R-85 NS	2CLA852640A2501	1
Stainless Steel	SRD-2-R-85 AI	2CLA852640A2401	1
Antique Gold	SRD-2-R-85 OE	2CLA852640A2201	1



Antique Gold

SRB-2-85 OE

Cover plate - KNX 2-gang sensors - Blind

Cover plate for KNX 2-gang sensors code: 6108/07-500. With Blind symbol. Suitable for both gangs.

Soft White	SRB-2-85 BL	2CLA852643A1101	1
Silver	SRB-2-85 PL	2CLA852643A1301	1
Soft Black	SRB-2-85 NS	2CLA852643A1501	1
Stainless Steel	SRB-2-85 AI	2CLA852643A1401	1

2CLA852643A1201



Cover plate - KNX 2-gang sensors - Scene - Left Cover plate for KNX 2-gang sensors code: 6108/07-500. With Scene symbol. Suitable for the left gang.

Soft White	SRS-2-L-85 BL	2CLA852644A1101	1
Silver	SRS-2-L-85 PL	2CLA852644A1301	1
Soft Black	SRS-2-L-85 NS	2CLA852644A1501	1
Stainless Steel	SRS-2-L-85 AI	2CLA852644A1401	1
Antique Gold	SRS-2-L-85 OE	2CLA852644A1201	1



Cover plate - KNX 2-gang sensors - Scene - Right Cover plate for KNX 2-gang sensors code: 6108/07-500.

With Scene symbol. Suitable for the right gang.

Soft White	SRS-2-R-85 BL	2CLA852647A1101	1
Silver	SRS-2-R-85 PL	2CLA852647A1301	1
Soft Black	SRS-2-R-85 NS	2CLA852647A1501	1
Stainless Steel	SRS-2-R-85 AI	2CLA852647A1401	1
Antique Gold	SRS-2-R-85 OE	2CLA852647A1201	1





Cover plate - KNX RTC

Cover plate with RTC symbols for KNX room temperature controler code: 6108/18-500.

Soft White	CP-RTC-85 BL	2CLA854060A1101	1
Silver	CP-RTC-85 PL	2CLA854060A1301	1
Soft Black	CP-RTC-85 NS	2CLA854060A1501	1
Stainless Steel	CP-RTC-85 AI	2CLA854060A1401	1
Antique Gold	CP-RTC-85 OE	2CLA854060A1201	1



Cover plate - KNX fan coil control

Cover plate with fan coil control symbols for KNX room temperature controler code: 6108/18-500.

Soft White	CP-RTC-FC-85 BL	2CLA855420A1101	1
Silver	CP-RTC-FC-85 PL	2CLA855420A1301	1
Soft Black	CP-RTC-FC-85 NS	2CLA855420A1501	1
Stainless Steel	CP-RTC-FC-85 AI	2CLA855420A1401	1
Antique Gold	CP-RTC-FC-85 OE	2CLA855420A1201	1



Cover plate - KNX RTC with CO2/moisture sensor Cover plate for KNX 5-gang RTC and CO2/moisture RTC sensor code: 6109/18-500 and 6109/28-500.

Soft White	CP-CO-85 BL	2CLA855430A1101	1
Silver	CP-CO-85 PL	2CLA855430A1301	1
Soft Black	CP-CO-85 NS	2CLA855430A1501	1
Stainless Steel	CP-CO-85 AI	2CLA855430A1401	1
Antique Gold	CP-CO-85 OE	2CLA855430A1201	1



Cover plate - KNX motion sensor

Cover plate for KNX motion sensors code: 6122/98-509.

Soft White	CP-MD-85 BL	2CLA854160A1101	1
Silver	CP-MD-85 PL	2CLA854160A1301	1
Soft Black	CP-MD-85 NS	2CLA854160A1501	1
Stainless Steel	CP-MD-85 AI	2CLA854160A1401	1
Antique Gold	CP-MD-85 OE	2CLA854160A1201	1

Sky Niessen - Frames

Soft White

Product	Article-No.	Order-No.	Pack/Qty
	-	dth): mm. 7 mm. 3 mm. 9 mm.	
1-gang	8571 BL	2CLA857100A1101	20
2-gang	8572 BL	2CLA857200A1101	20
3-gang	8573 BL	2CLA857300A1101	10
4-gang	8574 BL	2CLA857400A1101	5
5-gang	8575 BL	2CLA857500A1101	5

Silver

Product	Article-No.	Order-No.	Pack/Qty
		dth): mm. 7 mm. 3 mm. 9 mm.	
1-gang	8571 PL	2CLA857100A1301	20
2-gang	8572 PL	2CLA857200A1301	20
3-gang	8573 PL	2CLA857300A1301	10
4-gang	8574 PL	2CLA857400A1301	5

Soft White - Basic

Product	Article-No.	Order-No.	Pack/Qty	
	Frames 1 to 4-gang - Basic - Soft White Size (height x width): - 1-gang: 86 x 86 mm 2-gang: 86 x 157 mm 3-gang: 86 x 228 mm 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.			
1-gang	8571.1 BL	2CLA857110A1101	20	
2-gang	8572.1 BL	2CLA857210A1101	20	
3-gang	8573.1 BL	2CLA857310A1101	10	

4-gang	0574.1 BL	ZCEA037410A1101	
Soft Bla	ack		
Product	Article-No.	Order-No.	Pack/Qty
	_	dth): mm. mm. Bmm. Əmm.	
1-gang	8571 NS	2CLA857100A1501	20
2-gang	8572 NS	2CLA857200A1501	20
3-gang	8573 NS	2CLA857300A1501	10
4-gang	8574 NS	2CLA857400A1501	5

Sky Niessen - Frames

Stainless Steel

Product Article-No. Order-No. Pack/Qty Frames 1 to 4-gang - Noble - Stainless Steel Material: anti-fingerprint stainless steel. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. - 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593. 8571 AI 2CLA857100A1401 1-gang 10 2-gang 8572 AI 2CLA857200A1401 10 8573 AI 2CLA857300A1401 10 3-gang 5 4-gang 8574 AI 2CLA857400A1401

Ash

Product	Article-No.	Order-No.	Pack/Qty



Frames 1 to 4-gang - Noble - Ash

Material: wood.

Size (height x width):

- 1-gang: 86 x 86 mm.
- 2-gang: 86 x 157 mm.
- 3-gang: 86 x 228 mm.
- 4-gang: 86 x 299 mm.

Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.

1-gang	8571 FR	2CLA857100A2001	1
2-gang	8572 FR	2CLA857200A2001	1
3-gang	8573 FR	2CLA857300A2001	1
4-gang	8574 FR	2CLA857400A2001	1

White Glass

Product	Article-No.	Order-No.	Pack/Qty		
	Frames 1 to 4-ga	ng - Noble - White Glass	,		
	Material: glass.				
	Size (height x width):				
	- 1-gang: 86 x 86 mm.				
		- 2-gang: 86 x 157 mm.			
	- 3-gang: 86 x 22	- 3-gang: 86 x 228 mm.			
	- 4-gang: 86 x 299 mm.				
	Flush mounting boxes code: 1099, 1999 & 1999.2.				
	Surface mountin	g boxes code: 8591, 8592	& 8593.		
1-gang	8571 CB	2CLA857100A3001	1 1		

1-gang	8571 CB	2CLA857100A3001	1
2-gang	8572 CB	2CLA857200A3001	1
3-gang	8573 CB	2CLA857300A3001	1
4-gang	8574 CB	2CLA857400A3001	1

Antique Gold

Product	Article-No.	Order-No.	Pack/Qty
	ng - Noble - Antique Gold s steel. Ith): nm. mm. smm. omm. oxes code: 1099, 1999 & 199 g boxes code: 8591, 8592 & 8		
1-gang	8571 OE	2CLA857100A1201	10
2-gang	8572 OE	2CLA857200A1201	10
3-gang	8573 OE	2CLA857300A1201	10
4-gang	8574 OE	2CLA857400A1201	5

Natural Wenge

Product	Article-No.	Order-No.	Pack/Qty
Share States	Frames 1 to 4-ga	ng - Noble - Natural We	engué



Material: wood.

- Size (height x width):
- 1-gang: 86 x 86 mm.
- 2-gang: 86 x 157 mm.
- 3-gang: 86 x 228 mm.
- 4-gang: 86 x 299 mm.

Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.

1-gang	8571 WN	2CLA857100A2101	1
2-gang	8572 WN	2CLA857200A2101	1
3-gang	8573 WN	2CLA857300A2101	1
4-gang	8574 WN	2CL A857400A2101	1

Black Glass

4-gang

Product	Article-No.	Order-No.	Pack/Qty
	Material: glass. Size (height x wid - 1-gang: 86 x 86 i - 2-gang: 86 x 157 - 3-gang: 86 x 228 - 4-gang: 86 x 299 Flush mounting k	mm. 'mm. 3mm.	
1-gang	8571 CN	2CLA857100A3101	1
2-gang	8572 CN	2CLA857200A3101	1
3-gang	8573 CN	2CLA857300A3101	1

2CLA857400A3101

8574 CN

Sky Niessen - Installation solutions

Surface mounting boxes

Product	Article-No.	Order-No.	Pack/Qty		
	Surface mountin Size (height x wi	g box 1-gang dth x depth): 86 x 86 x 43 mr	n.		
White	8591 BL	2CLA859100A1101	6		
			·		
<u> </u>	Surface mounting box 2-gang Size (height x width x depth): 86 x 157 x 43 mm.				
White	8592 BL	2CLA859200A1101	5		
	Surface mounting box 3-gang Size (height x width x depth): 86 x 228 x 43 mm.				
White	8593 BL	2CLA859300A1101	1		

Flush mounting boxes

Product	Article-No.	Order-No.	Pack/Qty
	Installation bood Distance betwee Suitable for mon N2272.9. Allows the input Linkable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 2 screen be placed in the suitable for mon Included: 3 screen be placed in the suitable for mon Included: 3 screen be placed in the suitable for mon Included: 3 screen be placed in the suitable for mon Included: 3 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable for mon Included: 4 screen be placed in the suitable	g box - Bricks and cement k for walls built with bricks or one sen screws: 60 mm. binting plates code: N2271.9, No art of 2 tubes per each side. Jultigang frames. Lews to fix the mounting plate. In any of the 4 sides to facilitate the insert in vertical and horizone.	2271.9G & The screws e the
	1099	2CLA009900A1001	50
	Flush mounting box - Drywall and partitions Installation box for walls built with drywall or partitions Distance between screws: 60 mm. Suitable for mointing plates code: N2271.9, N2271.9G & N2272.9. Linkable for multigang frames. Included: 2 screws to fix the mounting plate. Shaft diameter: 68 mm.		
	999	2CLA099909A1001	25
	Flush mounting box - Drywall and partitions Double box suitable for 2-gang mounting plates. Installation box for walls built with drywall or partitions Distance between screws: 60 mm Suitable for mointing plates code: N2271.9, N2271.9G & N2272.9. Included: 4 screws to fix the mounting plate. Shaft diameter: 68 mm.		

Distance between centers: 71 mm.

2CLA099920A1001

999.2

Skymoon

The finest and most exclusive by Niessen

Skymoon offers minimum protrusion from the wall with a standard installation. Its 6 mm thickness makes it one of the market's thinnest lines. With Skymoon you will have a jewel to decorate the most exclusive environments.



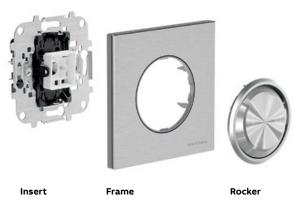
Maximum slimness 6 mm



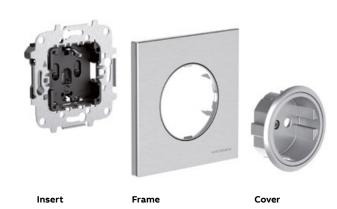
Skymoon line

Skymoon is the ultimate expression of design, with unique class and subtlety. Its innovative design presents technical solutions never seen before. Elegant materials, machined metallic keys, 6mm high with respect to the wall... With the Skymoon line you will achieve that distinctive touch that makes a room a unique space. Its avant-garde design will mean that all eyes will be drawn to the most attractive item in your home or business.

Switch composition



Socket composition



Characteristics

- 250 V~
- 10 AX / 16 AX
- IP21
- CE Compliance Declaration pursuant to:
- Low Voltage Directive 2006/95/CE
- European Directive RoHS 2011/65/EU
- IEC 60669-1
- UNE-EN 60669-1
- UNE 20324-REBT-BT27 IP21
- AENOR certified product pursuant to:
- UNE-EN 60669-1
- UNE-EN 60669-1/A1
- UNE-EN 60669-1/A2

Characteristics

- 250 V~
- 16 A
- IP21
- Compliant with standards:
- European Directive RoHS 2011/65/EU
- IEC 60884-1
- UNE-EN 20315
- UNE 20324-REBT-BT27 IP21
- AENOR certified product pursuant to:
- UNE 20315-1-1

Pack/Qty

Sky Niessen

1-way switches

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 10 Screwless termin Included: fixing o) AX. hals. :laws. : LED lamp 6192 BL (230 Vac).
	8101	2CLA810100A1001	10

2 May chaitches

Z-Way SW	riches		
Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 2-way Rated voltage: 110 - 2! Rated current: 10 AX. Screwless terminals. Included: fixing claws Optional: locator LED Rocker code: 8601 & 8		
	8102	2CLA810200A1001	10
	Switch 1-gang, 2-way Rated voltage: 110 - 25 Rated current: 16 AX.		



8102.1 2CLA810210A1001 10

Intermediate switches

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 10 Screwless termin Included: fixing c	AX. als. laws. LED lamp 6192 BL (230 Vac).
	8110	2CLA811000A1001	10

Switches with indicator lamp

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1 Rated voltage: 11 Rated current: 10 Screwless termin Included: fixing c 3 wire connection Included: indicate Rocker code: 860	0 - 250 Vac. AX. als. laws. n (neutral conductor require or LED lamp 6192 BL (230 Va	ed). ac).
	8101.5	2CLA810150A1001	10



8102.5

Switch 1-gang, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Rated current: 10 AA.
Screwless terminals.
Included: fixing claws.
4 wire connection (neutral conductor required).
Indicator: indicator LED lamp 6192 BL (230 Vac). Rocker code: 8601.3.

2CLA810250A1001

Push-buttons

1-gang, single pole, NO e: 110 - 250 Vac. t: 10 AX. v Open. minals. ng claws. ator LED lamp 6192 BL (230 Vac)	.
8601 & 8601.3.	,.
2CLA810400A1001	10
	2CLA810400A1001



Rated voltage: 110 - 250 Vac.
Rated current: 10 AX.
NO: Normally Open.
Screwless terminals.
Included: fixing claws.
3 wire connection (neutral conductor required).
Included: locator LED lamp 6192 BL (230 Vac).
Rocker code: 86013

Rocker code: 8601.3.

2CLA810450A1001



Product

Push-button 1-gang, single pole, NC Rated voltage: 110 - 250 Vac. Rated current: 10AX. NC: normally closed. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601 & 8601.3.

8104.9 2CLA810490A1001

Order-No.

Rockers for switches and push-buttons

Article-No.

	Rocker for switch, 1-gang Rocker for switches code: 8101, 8102, 8102.1 & 8110.			
Chrome	8601 CR	2CLA860100A1401	5	
Black Glass	8601 CN	2CLA860100A1501	5	



Product

Soft Whi

Rocker for switch, 1-gang

Rocker for switches code: 8101, 8102, 8102.1 & 8110.

Chrome	8601.3 CR	2CLA860130A1401	5	
Black Glass	8601.3 CN	2CLA860130A1501	5	

Indicator / locator LED lamp

	Article-No.	Order-No.	Pack/Qty
	Indicator/locator LE For 81XX inserts. Lamp: white LED. Long life cycle. Two functions: indic Power consumption: Especially recommer saving lamps.	ator or locator light.	
ite	6192 BL	2CLA819202A1001	10

2-gang switches & push-buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 2-gangs, 1-way Rated voltage: 110 - 25 Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8611.	0 Vac.	
	8111	2CLA811100A1001	10
	Switch 2-gangs, 2-wa Rated voltage: 110 - 25 Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8611.	0 Vac.	



Push-button 2-gangs, single pole, NO

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Without interlock. Included: fixing claws. Rocker code: 8611.

8144.2	2CLA814420A1001	10



Switch 2-way + push-button 1-way NO, SP

Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8611.

8142	2CLA814200A1001	10



Rocker for switch/push-button, 2-gangs

Rocker for switch/push-buttons code: 8111, 8122, 8144.2 & 8142.

Chrome	8611 CR	2CLA861100A1401	5	
Black Glass	8611 CN	2CLA861100A1501	5	

Pullcord switches

Product	Article-No.	Order-No.	Pack/Qty
	Pullcord switch 1 Rated voltage: 11 Rated current: 16 Screwless termin Included: fixing of Cord length: 2 m Cover plate code	s A. nals. claws. eters.	
	8148	2CLA814800A1001	5
	Cavantan mull aa		



Cover for pull cord switch

Cover plate for pullcord switch code: 8148.

Chrome	8607 CR	2CLA860700A1401	5
Black Glass	8607 CN	2CLA860700A1501	5

Blind controls

Product	Article-No.	Order-No.	Pack/Qty
	Push-button blin Rated voltage: 11(Rated current: 10 Direct control. Interlocked gang- Included: fixing c Rocker code: 864	AX. s. laws.	



Switch blind control 2-gangs Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Direct control. Interlocked gangs. Included: fixing claws. Rocker code: 8644.

8144

8144.1	2CI A814410A1001	10	

2CLA814400A1001



Rocker for blind switch/push-button

Rocker for blind switch/push-button code:

Chrome	8644 CR	2CLA864400A1401	5	
Black Glass	8644 CN	2CLA864400A1501	5	



Electronic blind control 1-gang

Rated voltage: 110 - 250 Vac ; 50 / 60 Hz. Rated current: 700VA@230Vac / 350VA@127Vac. Direct control.

Functions:

- PERS: standard blinds control. Optionally other 8144 inserts can be connected to the 8630.3 to control the blind from other locations.
- LAM: venetian type blinds control. Optionally other 8144 inserts can be connected to the 8630.3 to control the blind from other locations.
- Centralization (CEN): one 8630.3 can control all the 8630.3 of a line centrally. Without fixing claws.

Chrome	8630.3 CR	2CLA863030A1401	1	
Black Glass	8630.3 CN	2CLA863030A1501	1	

Schuko socket outlets

Product	Article-No.	Order-No.	Pack/Qty
culc ad io	Schuko socket o	utlet for plain covers	
	Rated voltage: 250 Vac.		
	Rated current: 16 A.		
	Type F: 2P + E.		
	Shuttered for child safety.		
	Screw terminals.		
	Without fixing claws.		
	Cover plate code:	8688.9.	
	8188.9	2CLA818890A1001	10



Flat cover plate for Schuko socket outlet Cover plate for Schuko socket outlet code: 8188.9.

Chrome	8688.9 CR	2CLA868890A1401	5
Black Glass	8688.9 CN	2CLA868890A1501	5

French / earth-pin socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	French/Earth-pii Rated voltage: 25 Rated current: 16 Type E: 2P + E. Shuttered for chi Screwless termin Included: fixing c Cover plate code	A. Id safety. als. laws.	overs
	8187.9	2CLA818790A1001	10



Flat cover plate for French socket outlet

Cover plate for Schuko socket outlet code: 8187.9.

Chrome	8687.9 CR	2CLA868790A1401	5
Black Glass	8687.9 CN	2CLA868790A1501	5

USB chargers

Product	Article-No.	Order-No.	Pack/Qty
	Input voltage: Input current: (Output voltage Output current Power consum Energy efficien Operating tem	:: 1.500 mA (total for both gang ption in stand-by: <= 0,3W@230 cy: >= 71%. perature: 0 °C to 35 °C. delivered with the cover plate plaws).	s).
	8185	2CLA818500A1001	1
		r USB charger 1,5A USB charger code: 8185.	

Chrome	8685 CR	2CLA868500A1401	5	
Black Class	969E CN	301 406050041501		

TV outlets

Product

Article-No.

Order-No.

Pack/Qty

Article-No.

Order-No.

Pack/Qty



TV / R terminal outlet

TV and R double outlet - Final. Without filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB. Isolation (FM / TV): >14 / >14. Return loss (FM / TV): >18 / >10. Included: fixing claws. Cover plate code: 8650.

2CLA815000A1001

10

10

10



Product

TV-R/SAT terminal outlet

TV-R and SAT double outlet - Final.

Installation as a terminal outlet connected to a tap-off or

splitter (without terminal resistor). Connection: screw terminal and clamp.

Output connectors (C1 / C2):

Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz. Basic loss (F // TV / SAT):

0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB.

0,510,1 dB / 1,0 10,5 dB / 1,210,6 dB. Isolation (FM / TV / SAT): >45 / >14 / >14. Selectivity (TV-R / SAT): >15 / >15. Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.

Included: fixing claws.

Cover plate code: 8650.

8151.3

2CLA815130A1001

10



TV / R final outlet - CATV outlet

TV and R double outlet - CATV outlet - Final.

With filter.

8150

Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).

Connection: screw terminal and clamp.

Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

Frequency range (C1 / C2):

5 - 68 & 118 - 1.000 MHz / 87,5 - 108 MHz.

Basic loss (R / FM / TV): 0,3±0,1 dB / 1,1±0,3 dB / 0,9±0,3 dB. Isolation (FM / TV): >18 / >16. Selectivity (FM / TV): >10 / >18.

Return loss (R / FM / TV): >18 / >16 / >18.

Chroma-luminance delay (ns): <10.

Included: fixing claws. Cover plate code: 8650.

8150.3

2CLA815030A1001



TV / R loop-through outlet

TV and R double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor.

Connection: screw terminal and clamp.

Output connectors (C1 / C2):

Frequency range (I/O / C1 / C2):
13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz.
Basic loss (FM / DAB / VHF / UHF):
25±1,5 dB / 25±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB.

Through loss (FM / VHF / UHF):

2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB.

Directivity (FM / TV): >12 dB / >9 dB.
Isolation (FM / TV): >16 / >15.
Return loss (FM / TV): >12 / >12.
Included: fixing claws.
Cover plate code: 8650.

8150.7 2CLA815070A1001



TV-R/SAT final outlet

TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series

with loop-through outlets.

Connection: screw terminal and clamp.

Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

Tec male 9,52 mm. diam. / IEC remaie 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB. Isolation (FM / TV / SAT): >20 / >20 / >14. Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9.

DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.

Included: fixing claws Cover plate code: 8650

8151.7 2CLA815170A1001 10



TV-R/SAT loop-through outlet

TV-R and SAT double outlet - Intermediate Installation as an intermediate outlet in series connected

to each other. Output connectors (C1 / C2):

EC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / Basic loss (FM / TV / SAT):

10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB.

10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB.

Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0.

Directivity (FM / TV / SAT): >20 / >12 / >5.

Isolation (FM / TV / SAT): >45 / >30 / >28.

Return loss (VR / FM / TV / SAT): >13 / >13 / >12 / >12.

DC path (Vdc / mA / Tono):

24 max. / 500 max. / 22 KHz - DiSEqC.

Included: fixing claws Cover plate code: 8650.

8151.8

2CLA815180A1001



Cover plate for TV-R/SAT outlet Cover plate for TV outlet code: 8150, 8150.3, 8150.7, 8151.3, 8150.7 & 8150.8.

Chrome	8650 CR	2CLA865000A1401	20
Black Glass	8650 CN	2CLA865000A1501	20

Telephone & data outlets

outlet RJ12 onnector. 6 contacts2 (6P2C), 4 (6P4C) or 6 (6P6C) R inals. rid delivered with the cover plate code: 8618.1 & 8618.2. 2CLA201720A1001	
2CLA201720A1001	10
outlet RJ45 Cat.3 onnector. 8 (8P8C) RJ45 jacks. iring. rid delivered with the cover plate code: 8618.1 & 8618.2.	e.
2CLA201730A1001	10
	rid delivered with the cover plate code: 8618.1 & 8618.2.



RJ45 type connector.
Cat.5e UTP.
In compliance with ANSI/TIA/EIA 568B.2,
ISO/IEC11801 & EN50173.
Universal TIA/EIA 568A and 568B labeling.
Housing: ABS UL-94-0.
Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).
IDC: PC UL94V-0, Accept 22-26AWG solid wire.
Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.
Tool-less wiring.
Mounting grid delivered with the cover plate.
Cover plate code: 8618.1 & 8618.2.

2018.5 2CLA201850A1001 10



Data outlet RJ45 Cat.6 UTP

RJ45 type connector.
Cat.6 UTP.
In compliance with ANSI/TIA/EIA 568B.2,
ISO/IEC11801 & EN50173.
Universal TIA/EIA 568A and 568B labeling.
Housing: ABS UL-94-0.
Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).
IDC: PC UL94V-0, Accept 22-26AWG solid wire.
Contact: RJ45 8P8C. 3~50 micro-inch gold plating over

Contact: RJ45 8P8C, 3*50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Mounting grid delivered with the cover plate.

Cover plate code: 8618.1 & 8618.2.

2018.6 2CLA201860A1001 10



Data outlet RJ45 Cat.6A STP

RJ45 type connector. Cat.6A STP. In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173.

Universal TIA/EIA 568A and 568B Labeling.

10 Gb/sec. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). Housing: Zinc Die-casting design for optimal EMI protection.

Housing: Zinc Die-casting design for optimal EMI protection. Slim size is ideal for interfaces where the spaces are tight. IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 BP8C, 3-50 micro-inch gold plating over nickel plated on contact area.

Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.

2018.7 2CLA201870A1001 10





Housing for connectors with Keystone type clipping system.

Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.

2018	2CLA201800A1001	10	



Housing for data outlets - Systimax type

Housing for connectors with Systimax type clipping system.

Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.



Cover plate for data outlet 1-gang

Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included: mounting grid without claws. Without shutters and labeling area.

Chrome	8618.1 CR	2CLA861810A1401	2
Black Glass	8618.1 CN	2CLA861810A1501	2



Cover plate for data outlet 2-gangs

Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included: mounting grid without claws. Without shutters and labeling area.

Black Glass	8618.2 CN	2CLA861820A1501	2	
DIACK GIASS	0010.2 CN	2CLA001820A1501	۷	

Light controls - Rotatory dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 2: Min. power: 60 W Max. power: - Incandescent: 5 - Halogen lamp w - Halogen lamp w - 2 wire connectio Optional: auxilial Indicator LED lar	I / VA. 500 W. with electronic transform ith ferromagnetic transform ry control with 8104.X purp included. erature: 0 - 30° C. h chrome ring.	mer: 400 VA.
Chrome	8660 CR	2CLA866000A140	1 1



Black Glass

LED rotatory/push dimmer

Rated voltage: 230 Vac ± 10%.

Frequency: 50 Hz (Nominal power: 250 W/VA) / 60 Hz (Nominal power: 200 W/VA).

2CLA866000A1501

Power (min./max load):

- LEDi: 2 / 100 W/VA (max. 10 lamps).
- Dimmable energy saving lamps: 2 / 100 W/VA (max. 10 lamps).
- LV LEDi with transformer (only type L or LC):
- 4 / 100 W / VA (max. 10 lamps).
- Incandescent lamps: 10 / 250 W / VA.
- Halogen lamps: 10 / 250 W / VA.
- LV halogen with transformer (only type L or LC):

10 / 250 W/VA (max. 10 lamps).

2 wire connection.

Optional: auxiliary on/off with 2-way switch 8102.

Indicator LED lamp included.

Back-up fuse: Electronic.

Overload protection: Electronic.

Ambient temperature: 0° C to +35° C.

Included:

- Cover plate with chromes ring.
- Mounting grid without claws.

Chrome	8660.2 CR	2CLA866020A1401	1
Black Glass	8660.2 CN	2CLA866020A1501	1



1-10V rotatory dimmer

Rated voltage: 127 - 230 Vac / 50 - 60 Hz.

Dimmable electronic ballast/driver with 1-10V control

Max. power:

- 230 Vac: 700 VA.
- 127 Vac: 350 VA.

Max. 6 ballasts per device. Indicator LED lamp included. Included:

- Cover plate with chrome ring.
- Mounting grid without claws.

Chrome	8660.9 CR	2CLA866090A1401	1	
Black Glass	8660.9 CN	2CLA866090A1501	1	

Buzzer / Door bell

Product	Article-No.	Order-No.	Pack/Qty
	Buzzer Rated voltage: 2: Rated power: 8 v Adjustable tone. Acoustic power a Without fixing cl Cover plate code	A. at 1 meter with cover plate: aws.	75 dB.
	8119	2CLA811900A1001	10
	Rated voltage: 11 4 melodies availa		72 dB.



Without fixing claws. Cover plate code: 8629.

2CLA812420A1001



Cover plate for buzzer/door bell

Cover plate for buzzer / door bell code: 8119 & 8124.2.

Chrome	8629 CR	2CLA862900A1401	5	
Black Glass	8629 CN	2CLA862900A1501	5	

Blank covers / Cable outlets

Product	Article-No.	Order-No.	Pack/Qty
	Blank cover plate Included: mounti Without fixing cl	ng grid and cover plate.	
Chrome	8600 CR	2CLA860000A1401	2



Black Glass

Cable outlet

8600 CN

3 connection screw terminals up to 2,5 mm2. Cable tie included. Included: fixing claws. Cover plate code: 8607.

8107 2CLA810700A1001

2CLA860000A1501



Cover plate for cable outlet

Cover plate for cable outlet code: 8107.

Chrome	8607 CR	2CLA860700A1401	5
Black Glass	8607 CN	2CLA860700A1501	5

Sky Niessen - Frames

White Glass

Product Article-No. Order-No. Pack/Qty Frames 1 to 3-gang - Noble - White Glass Material: glass. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593. 8671 CB 2CLA867100A3001 1-gang 2-gang 8672 CB 2CLA867200A3001 1

2CLA867300A3001

1

Stainless Steel

Product	Article-No.	Order-No.	Pack/Qty
	Material: stainle Size (height x wi - 1-gang: 86 x 86 - 2-gang: 86 x 15 - 3-gang: 86 x 22 Flush mounting	dth): mm. 7mm.	
1-gang	8671 OX	2CLA867100A4001	1
2-gang	8672 OX	2CLA867200A4001	1
3-gang	8673 OX	2CLA867300A4001	10

Black Glass

3-gang

8673 CB

Product	Article-No.	Order-No.	Pack/Qty
	Material: glass. Size (height x w - 1-gang: 86 x 86 - 2-gang: 86 x 15 - 3-gang: 86 x 22 Flush mounting	omm. 7mm.	
1-gang	8671 CN	2CLA867100A3101	1
2-gang	8672 CN	2CLA867200A3101	1
3-gang	8673 CN	2CLA867300A3101	1

Zest for life.

Convenient, adaptable and modular. Has got the ability to do whatever you can imagine. A modern design combined with functions which meet all requirements of contemporary living. Impressivo amazes with its flexibility. Flush and surface mounting is possible in common dry and wet environments.



01 white

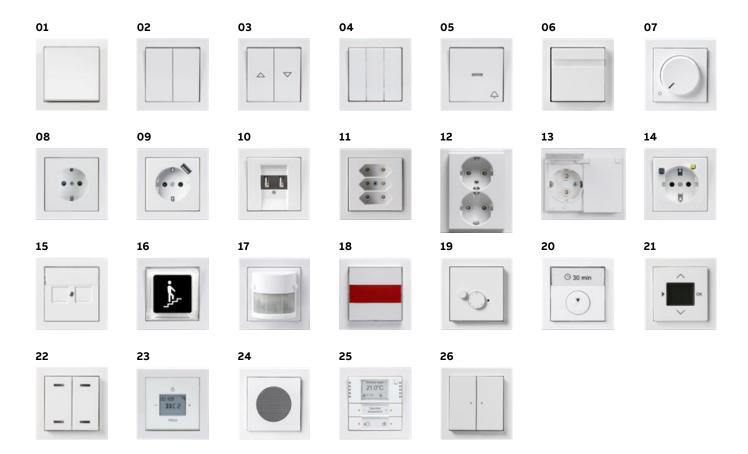
02 aluminium

03 anthracite

Materials

UV-resistant, free of PVC and halogen.

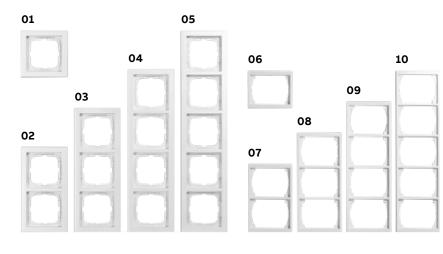
Selected functions.



- 01 Rocker switch 1-gang
- 02 Rocker switch 2-gang
- 03 2-gang push switch
- 04 3-gang 1-way switch
- 05 Switch rocker 1-gang, "bell" symbol
- 06 Comfort switch
- Rotary dimmer
- SCHUKO® socket outlet
- SCHUKO® USB socket outlet

- 10 USB charging station
- Euro socket outlet
- Double SCHUKO® socket outlet
- 2-gang SCHUKO® socket outlet, IP 44
- Residual current device 14
- 15 RJ45 outlet with sliding dust covers
- 16 IceLight with symbol
- 17 Movement detector
- LED signal light

- 19 Thermostat
- 20 Timer
- 21 Timer
- 4/2-gang push button panel 22
- DigitalRadio 23
- 24 Loudspeaker for DigitalRadio
- **KNX-thermostat**
- 26 ABB-free@home®, 2-gang switch



1- to 5-gang cover frame for horizontal and vertical installation

01 85 mm x 85 mm

02 85 mm x 156 mm

03 85 mm x 227 mm 04 85 mm x 298 mm

05 85 mm x 369 mm

1- to 5-gang cover frame for double socket outlets, for horizontal and vertical installation 06 100 mm x 85 mm

07 100 mm x 156 mm

08 100 mm x 227 mm

09 100 mm x 298 mm

10 100 mm x 369 mm



For more information about light switch ranges visit ABB alobal web sites.

Rocker switches, push switches

Product	Article-No.	Order-No.	Pack/Qty		
			,		
	Switches with so clip-on fastening	1-gang switches, IP21 crewless terminals and roog. The terminals are for munting on a smooth surfac	ax 2 rigid		
	Includes switch	insert and rocker			
	1-gang 2-way sw	ritch, 16AX/250V, 2 X-terr	ninals		
white	1066UC-84	2TKA00000419	1/10		
	1-gang intermed	liate switch, 16AX/250V,	2 X-terminals		
white	1067UC-84	2TKA00000422	1/10		
	Modular				
	1-gang 2-way sw lamp possibility	ritch insert, 16AX/250V, 2	X-terminals,		
	1066.21	2TKA000175G1	10/100		
	5 5	1-gang intermediate switch insert, 16AX/250V, 2 X-terminals, lamp possibility			
	1067.21	2TKA000201G1	10/100		
Double pole 1-gang 2-way switch insert, 16A: no X-terminals, lamp possibility					
	10662.00	2TKA000177G1	10/100		
white	Switch rocker, 1- 1786-84	gang 2TKA000543G1	1/10		
	Switch rocker, 1-	gang			
anthracite	1786-81	2TKA000541G1	1/10		
	Switch rocker, 1-	gang			
aluminium	1786-83	2TKA000542G1	1/10		



Flush mounting 1-gang 1-way push switch, IP21

Push switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.

Includes switch insert and rocker

	includes switch insert and rocker			
	1-gang 2-way push switch, 16A/250V, 1N terminal			
white	1466UC-84	2TKA00000430	1/10	
	Modular			
	1-gang 1-way push s 2 X-terminals, lamp p	witch insert 16A/250\ oossibility	<i>Ι</i> ,	
	1461.21	2TKA000227G1	10/100	
	Switch rocker, 1-gang			
white	1786-84	2TKA000543G1	1/10	
	Switch rocker, 1-gan	g		
anthracite	1786-81	2TKA000541G1	1/10	
	Switch rocker, 1-gan	g		
aluminium	1786-83	2TKA000542G1	1/10	
white	Switch rocker, 1-gand	g, "light" symbol, lens 2TKA000569G1	1/10	
anthracite	Switch rocker, 1-gan	g, "light" symbol, lens 2TKA000567G1	1/10	
	Switch rocker, 1-gan	g, "light" symbol, lens		
aluminium	1789LI-83	2TKA000568G1	1/10	

Product	Article-No.	Order-No.	Pack/Qty



Flush mounting 2-pole switch, IP21

Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.

Includes switch insert and rocker

	2-pole 1-gang 1-way switch, 16AX/250V, 2 X-ter			
white	1062UC-84	2TKA00000407	1/10	
	Modular			
	Switch insert, 16AX/250V, 2-pole, 2 X-terminals, lamp possibility			
	1062.21	2TKA000130G1	10/100	
	Switch rocker, 1-	gang, red lens, "1/0" syml	bol	
anthracite	1788-81	2TKA000549G1	1/10	
	Switch rocker, 1-	gang, red lens, "1/0" syml	bol	
aluminium	1788-83	2TKA000550G1	1/10	



Flush mounting 2-gang switches, IP21

Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.

Includes switch insert and rocker				
2-gang 1-way switch, 16	SAX/250V, 2 X-terminals			

white	1065UC-84	2TKA00000413	1/10
	2-gang 2-way swit	ch, 16AX/250V, no X-ter	minals
white	10666UC-84	2TKA00000416	1/10
	Modular		
	2-gang 1-way swit no lamp possibility	ch insert, 16AX/250V, 2 /	X-terminals,
	1065.20	2TKA000158G1	10/100
	2-gang 2-way swit no lamp possibility	ch insert, 16AX/250V, n	o X-terminals,
	10666.00	2TKA000179G1	10/100
	Switch rocker, 2-ga	ang	
white	1785-84	2TKA000523G1	1/10
	Switch rocker, 2-ga	ang	
anthracite	1785-81	2TKA000521G1	1/10
	Switch rocker, 2-ga	ang	
aluminium	1785-83	2TKA000522G1	1/10



Flush mounting 2-pole + 1-way switch, IP21

The switch has one 1-way switch and one 2-pole 1 switch together. Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21. No X-terminals.

Includes switch insert and rocker

	merades switch i	iibei e aiia i bekei	
white	10621UC-84	2TKA00000404	1/10
anthracite	10621UC-81	2TKA00000402	1/10
aluminium	10621UC-83	2TKA00000403	1/10

2TKA000492G1

2TKA000490G1

2TKA000491G1

1/10

1/10

1/10

Impressivo

Rocker switches, push switches

screw-mounted rocker frame and seal. Screwless

rough surface IP44.

1065UW-84

16AX/250V, no X-terminals

terminals are for max 2 rigid wires. Flush mounting on

2TKA000173G1

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
△ ▼	rocker with clip-or	ch inserts thes with screwless te n fastening. The termi n mounting on a smoo	inals are for max	A COM A	"main switch". Th	be used, for example, as ne card switch is operate Delivery includes a 230V l	d with a credit
	Modular				Card switch inse	rt, 16AX/250V, 2-pole, no	o X terminals,
	Push switch insert	10A/250V, for up/do 2TKA000640G1	wn control 10/100		lamp included 8114.1	2TKA003950G1	10/100
white	Switch rocker, 2-g 1785JA-84	ang, "up/down" symb 2TKA000532G1	ol 1/10	white	Center plate, for 1792-84	card switch 8114.1 2TKA000581G1	1/10
anthracite	Switch rocker, 2-g	ang, "up/down" symb 2TKA000530G1	ol 1/10	anthracite	Center plate, for 1792-81	card switch 8114.1 2TKA000579G1	1/10
aluminium	Switch rocker, 2-g	ang, "up/down" symb 2TKA000531G1	ol 1/10	aluminium	Center plate, for 1792-83	card switch 8114.1 2TKA000580G1	1/10
	Eluch mounting 2	-gang 1-way switch, I			Lamp, 230V/1.5r 8331	mA, fluorescent, for card 2TKA000042G1	switch 10/100
	clip-on fastening.	ewless terminals and in The terminals are for ting on a smooth surf	max 2 rigid	-1-	e ·	nel 4/2-gang, 5-24V ac/d	
	wires. Flush moun	J	ace IP21.		or electronic con White LED-light Installation on su	outton panel to control bi atrol systems. Load capac with adjustable illuminat urface or on top of a stan	ity 1A AC/DC.
	3-gang 1-way swit	tch, 16AX/250V, no X-		white	mounting box. FAP1204-84	2TKA00000915	1/10
white	106310C-84	2TKA00000410	1/10	anthracite	FAP1204-81	2TKA00000913	1/10
	Modular			aluminium	FAP1204-83	2TKA00000914	1/10
	3-gang 1-way swit	tch insert, 16AX/250V	, no X-terminals,				·
	10631.00	2TKA000147G1	10/100		1-gang rockers, 1-gang rockers f	IP21/IP44 or all 1-gang switch inser	rts. Flush- and
anthracite	Switch rocker, 3-g 1783-81	ang 2TKA000514G1	1/10			g: Protection class IP21, a fastening rocker frame.	and IP44 with
aluminium	Switch rocker, 3-g 1783-83	ang 2TKA000515 G 1	1/10				
				white	1786-84	2TKA000543G1	1/10
		gang 2-way switch, I		anthracite	1786-81	2TKA000541G1	1/10
		switch insert, rocker, o ocker frame and seal. S		aluminium	1786-83	2TKA000542G1	1/10
		nax 2 rigid wires. Flus					
	rough surface IP44 16AX/250V, no X-t					with name plate, IP21/IP or all 1-gang switch inser	
			1 /10			g: Protection class IP21,	
	1066UW-84	2TKA000200G1	1/10			fastening rocker frame. te (59,7 mm x 11,7 mm) w	
	_	-gang 1-way switch, I switch insert, rocker, c				very includes one blank s	•

white

1/10

anthracite

aluminium

1764NLI-84

1764NLI-81

1764NLI-83

Rocker switches, push switches

Product	Article-No.	Order-No.	Pack/Qty
-	1-gang rockers fo surface mounting	rith red lens, IP21/IP44 or all 1-gang switch insert g: Protection class IP21, a 'astening rocker frame. T is.	and IP44 with
	Switch rocker, 1-g	gang, red lens	
white	1789-84	2TKA000559G1	1/10
anthracite	Switch rocker, 1-0	gang, red lens 2TKA000557G1	1/10
	Switch rocker, 1-g		
aluminium	1789-83	2TKA000558G1	1/10
_	symbol, IP21/IP4 1-gang rockers fo	or all 1-gang switch insert g: Protection class IP21, a	ts. Flush- and and IP44 with
	_		
797	a seal and screw f	rent lens and "Light" sym	iboi.
white	a seal and screw f	_	1/10
	a seal and screw f	rent lens and "Light" sym	
anthracite	a seal and screw of contains transparent of the contains t	rent lens and "Light" sym 2TKA000569G1 2TKA000567G1 2TKA000568G1	1/10 1/10 1/10
anthracite aluminium	a seal and screw of contains transparent t	2TKA000569G1 2TKA000567G1 2TKA000568G1 2TKA000568G1 vith transparent lens and 4 or all 1-gang switch insert g: Protection class IP21, a fastening rocker frame. Trent lens and "key" symbol	1/10 1/10 1/10 d''key'' ts. Flush- and and IP44 with the rocker ol.
anthracite aluminium ————————————————————————————————————	a seal and screw of contains transparent of the contains transparent of the contains transparent of the contains transparent of the contains transparent of contains transparent of contains transparent of the contains transpare	2TKA000569G1 2TKA000567G1 2TKA000568G1 2TKA000568G1 2TKA000568G1 With transparent lens and 4 or all 1-gang switch insert g: Protection class IP21, a fastening rocker frame. T rent lens and "key" symbol 2TKA000574G1	1/10 1/10 1/10 1"key" ts. Flush- and and IP44 with the rocker ol. 1/10
anthracite aluminium white anthracite	a seal and screw of contains transparent t	rent lens and "Light" sym 2TKA000569G1 2TKA000567G1 2TKA000568G1 rith transparent lens and 4 or all 1-gang switch insert g: Protection class IP21, a fastening rocker frame. Trent lens and "key" symbol 2TKA000574G1 2TKA000572G1	1/10 1/10 1/10 1''key'' ts. Flush- and and IP44 with the rocker tol. 1/10
-	a seal and screw of contains transparent of the contains transparent of the contains transparent of the contains transparent of the contains transparent of contains transparent of contains transparent of the contains transpare	2TKA000569G1 2TKA000567G1 2TKA000568G1 2TKA000568G1 2TKA000568G1 With transparent lens and 4 or all 1-gang switch insert g: Protection class IP21, a fastening rocker frame. T rent lens and "key" symbol 2TKA000574G1	1/10 1/10 1/10 1"key" ts. Flush- and and IP44 with the rocker ol. 1/10
anthracite aluminium white anthracite	a seal and screw of contains transpant 1789LI-84 1789LI-81 1789LI-83 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of contains transpant 1789TR-84 1789TR-83 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the surface mounting a seal and	2TKA000569G1 2TKA000567G1 2TKA000568G1 2TKA000568G1 Arith transparent lens and 4 or all 1-gang switch insert g: Protection class IP21, a fastening rocker frame. Trent lens and "key" symbol 2TKA000574G1 2TKA000573G1 Arith transparent lens and Arithmeters and Transparent lens and	1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10
anthracite aluminium white anthracite aluminium	a seal and screw of contains transpant 1789LI-84 1789LI-81 1789LI-83 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of contains transpant 1789TR-84 1789TR-83 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers we symbol, IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the stranspant IP21/IP4 1-gang rockers for surface mounting a seal and screw of the surface mounting a seal and	2TKA000569G1 2TKA000569G1 2TKA000567G1 2TKA000568G1 2TKA000568G1 Arith transparent lens and 4 or all 1-gang switch insert g: Protection class IP21, a fastening rocker frame. Trent lens and "key" symbol 2TKA000574G1 2TKA000573G1 Arith transparent lens and 4 or all 1-gang switch insert g: Protection class IP21, a fastening rocker frame. Trent lens and "key" symbol 2TKA000573G1	1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10
anthracite aluminium white anthracite aluminium	a seal and screw of contains transparent t	2TKA000569G1 2TKA000569G1 2TKA000567G1 2TKA000568G1 2TKA000568G1 2TKA000568G1 2TKA000568G1 2TKA000568G1 2TKA000568G1 2TKA000568G1 2TKA000574G1 2TKA000574G1 2TKA000572G1 2TKA000573G1	1/10 1/10 1/10 1''key'' ts. Flush- and and IP44 with the rocker ol. 1/10 1/10 1/10 1/10 ts. Flush- and and IP44 with the rocker ol.

with a seal. Protection class is IP44 when using screw-mounted rocker frame with a seal.

2TKA000002G1

20/200

2463

Product	Article-No.	Order-No.	Pack/Qty
			,
	Screw-mounted 2463 or 2464 to switches and pu	rocker frames, IP44 rocker frames are used wi reach IP44 protection class sh switches. Furthermore the switch frame to the inty.	ss on , it can be
	Supporting fram 2474	ne for 1/3-gang rocker, scr 2TKA000004G1	ew fastening 20/200
	Supporting fram 2475	ne for 2-gang rocker, screv 2TKA000005G1	/ fastening 20/200
	installed in 1-ga	hes and push buttons. Lar ng switch inserts that incl ght possibility. Lamps can	ude the
	Lamp, 230V/0.4	mA, fluorescent, for 1-gan 2TKA000045G1	g switches 10/100
	Lamp, 230V/2m.	A, fluorescent, for 1-gang 2TKA000047G1	switches 10/100
	Lamp, 24V/22m.	A, incandescent, for 1-gan 2TKA000048G1	g switches 10/100
	Lamp, 12V/40m.	A, incandescent, for 1-gan 2TKA000049G1	g switches 10/100

Lamp, 230V/1.5mA, fluorescent, for card switch

Lamp, 5-24V/0,5-2,5mA, LED, for 1-gang switches

Lamp, 250V/0.4mA, LED, for 1-gang switches

2TKA000042G1

2TKA00003241

2TKA00003242

10/100

10/100

10/100

8331

8370R

8375R

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	adjustable between edge control (RC). 2- Nominal power: 2 - 1 Linear and low-nois Electronic short-cir Adjustable minimur 1-gang 2-way instal 230 V/50-60 Hz. Ma	with rotary control ner for LED lamps. Via mo leading edge control (RL) wire connection (N-wire 00 VA or 10-400W (detail e operation. Mixed loads cuit and overload protec m brightness. Also applie lations. Nominal voltage eximum 20 LED lamps be lity with defined Philips	or trailing not needed). s in manual). s allowed. ction. cable for e hind one
	LED dimmer, rotary	2-100VA, with neon lam 3 2CKA006512A0347	p 1/10
	LED dimmer, rotary 6523UR-103-500	2-100VA, insert with new 2CKA006512A0345	on lamp 1/10
white	Dimmer center plat 6540-84-102-510	e, with neon lamp 2CKA006599A3037	1/10
anthracite	Dimmer center plat 6540-81-102-510	e, with neon lamp 2CKA006599A3035	1/10
aluminium	Dimmer center plat	e, with neon lamp 2CKA006599A3036	1/10

many dimmable LED bulbs can be connected behind one transformer.



Busch-rotary dimmer 1)

Flush-mounted, DALI, with internal power supply,

For DALI broadcast service (via central telegram). With integrated DALI power adaptor. For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotary control and ON/OFF push operation. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8). Colour temperature can then be set between 2,700 K -

With electronic short-circuit protection.

With electronic overload protection.

Brightness power-on level and backround brightness level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

DALI-voltage: 15,5 V=

Rated current: max. 75 mA

Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

2116/11UJGL-84

Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

junction	with	standar	d fl	ush	-mounting	boxes a	acco	rdin	g to D	IN 49073,	

2CKA006599A3031

Article-No.	Order-No.	Pack/Qty
Sold in parts		
DALI dimmer, with insert	nternal power supply, tu	nable white,
2116/11U	2CKA006599A3026	1/10
Dimmer center plate	with neon lamp	
6540-84-102-510	2CKA006599A3035	1/10
Dimmer center plate	e, with neon lamp	
6540-81-102-510	2CKA006599A3035	1/10
Dimmer center plate	e, with neon lamp	
6540-83-102-510	2CKA006599A3036	1/10
	Sold in parts DALI dimmer, with in insert 2116/11U Dimmer center plate 6540-84-102-510 Dimmer center plate 6540-81-102-510 Dimmer center plate	Sold in parts DALI dimmer, with internal power supply, tu insert 2116/11U 2CKA006599A3026 Dimmer center plate with neon lamp 6540-84-102-510 2CKA006599A3035 Dimmer center plate, with neon lamp 6540-81-102-510 2CKA006599A3035 Dimmer center plate, with neon lamp



DALI-potentiometrs

For DALI broadcast service (via central telegram) according standard IEC 62386. For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With (2117/11U-500) or without (2117U-500) power supply. No center plate or frame included.

	Inserts		
	DALI potentiometer	insert	
	2117U-500	2TKA00001861	1/10
	With integrated pov	ver supply	
	2117/11U-500	2TKA00001865	1/10
	Dimmer center plat	e, with neon lamp	
white	6540-84-102-510	2CKA006599A3037	1/10
anthracite	6540-81-102-510	2CKA006599A3035	1/10
aluminium	6540-83-102-510	2CKA006599A3036	1/10



Sold in parts

Dimmer, 60-600 VA, insert

	2250U	2TKA000723G1	1/10
white	Dimmer center plate, 6540-84-102-510	with neon lamp 2CKA006599A3037	1/10
anthracite	Dimmer center plate, 6540-81-102-510	with neon lamp 2CKA006599A3035	1/10
aluminium	Dimmer center plate, 6540-83-102-510	with neon lamp 2CKA006599A3036	1/10

¹⁾ Only in conj Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Product

Article-No.

white

anthracite

aluminium

Impressivo

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Sold in parts		
	Dimmer insert, 2	0-500 VA	
	2247U	2TKA000721G1	1/10
	Dimmer insert, 200-700 VA		
	6520U	2TKA001447G1	1/10

 ${\bf Dimmer\ center\ plate,\ with\ neon\ lamp}$

 ${\bf Dimmer\ center\ plate,\ with\ neon\ lamp}$

 $\label{eq:definition} \mbox{Dimmer center plate, with neon lamp}$

2CKA006599A3037

2CKA006599A3035

2CKA006599A3036

1/10

1/10

1/10

6540-84-102-510

6540-81-102-510

6540-83-102-510

	Dimmer for electron switch function, cha 230 V/50 Hz. Electro	nic halogen transformer ic halogen transformers inge over contact. Nomi inic short circuit- and ov also for 230V incandeso	s. Push nal voltage erload	
	Includes insert and center plate			
	El. transformer dimmer, 40-420 VA, with neo			
white	6513UJGL-84-102	2CKA006512A0351	1/10	
	Sold in parts			
	El. transformer dimi	mer insert, 40-420 VA		
	6513-U-102-500	2CKA006513A0586	1/10	
	Dimmer center plate	e, with neon lamp		
white	6540-84-102-510	2CKA006599A3037	1/10	
	Dimmer center plate	e, with neon lamp		
anthracite	6540-81-102-510	2CKA006599A3035	1/10	
	Dimmer center plate	e, with neon lamp		
aluminium	6540-83-102-510	2CKA006599A3036	1/10	

	Dimmer for electronic halogen transformers Dimmer for electronic halogen transformers. Pusl switch function, change over contact. Nominal vo 230 V/50 Hz. Electronic short circuit- and overload protection. Suitable also for 230V incandescent- a halogen lamps.			
	Includes insert and center plate			
	El. transformer dimmer, 40-420 VA, with neon lamp			
white	6513UJGL-84-102	2CKA006512A0351	1/10	
	Sold in parts			
	El. transformer dimr	ner insert, 40-420 VA		
	6513-U-102-500	2CKA006513A0586	1/10	
	Dimmer center plate	e, with neon lamp		
white	6540-84-102-510	2CKA006599A3037	1/10	
	Dimmer center plate, with neon lamp			
anthracite	6540-81-102-510	2CKA006599A3035	1/10	
	Dimmer center plate	e, with neon lamp		
aluminium	6540-83-102-510	2CKA006599A3036	1/10	

Order-No.

Pack/Qty

Dimmers

Product	Article-No.	Order-No.	Pack/Qty		
	gears for fluoresc 929). Nominal volt max. 50 mA DC. St to 4 control gears	10 V 10 V. For controlling electron ent lamps, analogy adjust 12 age: 230 V/50 Hz. Controlon witching capability 4 A cost can be directly connected er loads an external relay of	ment (IEC current s φ 0,9. Up to 1		
	Includes insert and center plate				
	Potentiometer 1-1	.0 V			
white	2112UJGL-84-101	. 2CKA006599A3029	1/10		
	Sold in parts				
	Potentiometer ins	sert 1-10 V			
	2112 U-101-500	2CKA006599A2873	1/10		
	Dimmer center pla	ate, with neon lamp			
white	6540-84-102-510	2CKA006599A3037	1/10		
Dimmer center plate, with neon lamp					
anthracite	6540-81-102-510	2CKA006599A3035	1/10		
	Dimmer center pla	ate, with neon lamp			
aluminium	6540-83-102-510	2CKA006599A3036	1/10		



LED-Touch Dimmer

Touch dimmer for LED lamps. Leading and trailing edge control (RLC-type). 2-wire connection. Rated power 2-100 VA. Linear and low-noise operation. Mixed loads allowed. Electronic short-circuit and overload protection. Adjustable minimum brightness. Nominal voltage 230 V/50-60 Hz. Also applicable for 1-gang 2-way installations. Operation also possible via conventional push buttons (Functions: on, off and dim). Maximum 20 LED lamps behind one dimmer. Compatibility with defined Philips LED lamps is guaranteed.



Sold in parts

	LED dimmer push	button 2TKA00002920	1/10
white	Touch dimmer cer	nter plate, with neon lam 2TKA001469G1	1/10
anthracite	Touch dimmer cer	nter plate, with neon lam	o
	6543-81-101	2TKA001467G1	1/10
aluminium	Touch dimmer cer	nter plate, with neon lam	o
	6543-83-101	2TKA001468G1	1/10

Note! There might be limitations from transformer producers on how many dimmable LED bulbs can be connected behind one transformer.





Touch controller 1-10 V

Touch controller 1-10 V. For conrolling electronic control gears for fluorescent lamp, analogy adjustment (IEC 929). Nominal voltage: 230 V/50 Hz. Control current max. 50 mA DC. Coupling ability 4 A cos φ 0,9 or cos φ 0,5. 4 gears can be directly connected to one dimmer. With larger loads an external relay or contactor must be used. 230 V closing push buttons can be used as extension dimmers for on/off and control functions.

=

Sold in parts

	Touch controller 1-10 V, insert		
	6550U-101	2TKA001477G1	1/10
	Touch dimmer cer	nter plate, with neon lam	р
white	6543-84-101	2TKA001469G1	1/10
	Touch dimmer center plate, with neon lamp		
anthracite	6543-81-101	2TKA001467G1	1/10
	Touch dimmer center plate, with neon lamp		
aluminium	6543-83-101	2TKA001468G1	1/10

Note! Neon indication lamp does not work in this application.

Movement detectors

Product	Article-No.	Order-No.	Pack/Qty		
	Comfort switch				
		ush mounting, 2-wire or 3			
		170°. Detection range: fro			
1	3	ation also possible with			
	· ·	h buttons. Brightness lin . Switch-off delay: 1 to 10			
	Mounting height	•	, , , , , , , , , , , , , , , , , , , ,		
	1-lounting height	. 0.0 111 1.2 111.			
	Includes insert a	Includes insert and center plate			
	Comfort switch,	Comfort switch, relay 10A, 3-wire connection			
white	6816UC-84	2TKA00000478	1/10		
	Sold in parts	Sold in parts			
	Comfort switch i	Comfort switch insert, 40-300 W/VA, 2-wire connection			
	6815U	2TKA001525G1	1/10		
	Comfort switch relay insert 10A, 3-wire connection				
	6816U	2TKA001529G1	1/10		
	Comfort switch s	Comfort switch sensor			
white	6815-84	2TKA001522G1	1/10		
	Comfort switch s	Comfort switch sensor			
anthracite	6815-81	2TKA001520G1	1/10		
	Comfort switch s	Comfort switch sensor			
aluminium	6815-83	2TKA001521G1	1/10		



Motion detector 180 Comfort multiple surveillance 230 V, 10 A relay, IP20, for flush mounting. Detection area 180°. The area has been extended approximately 35° downwards. This enables e.g. the surveillance of a stairway from an upper platform. The detection range depends on the mounting height; for more information, see the specifications. Adjustable lighting level

see the specifications. Adjustable lighting level 5 - 250 lux, switch-off delay 10sec-30min. Three-way operating switch (off - automatic - always on), which can be locked to the automatic position.

		· ·	
	Sold in parts		
	Universal relay unit insert, 10 A		
	6401U-102	2TKA001428G1	1/10
	Motion detector se surveillance	ensor 180 Comfort mult	iple
white	6800-84-104M	2TKA001509G1	1/10
	Motion detector se surveillance	ensor 180 Comfort mult	iple
anthracite	6800-81-104M	2TKA001505G1	1/10
	Motion detector se surveillance	ensor 180 Comfort mult	iple
aluminium	6800-83-104M	2TKA001507G1	1/10



Motion detector 180 Comfort

230 V, 10 A relay, IP20, for flush mounting. Detection area 180 degrees, approximately 8 m to the sides and approximately 12 m to the front at the mounting height. Adjustable lighting level 5-250 lux, switch-off delay 2 sec.-30 min. Three-way operating switch (off - automatic - always on), which can be locked to the automatic position. Mounting height 1-1.2 m.

Sold in parts

	Universal relay unit insert, 10 A			
	6401U-102	2TKA001428G1	1/10	
	Motion detector sensor 180 Comfort			
white	6800-84-104	2TKA001508G1	1/10	
	Motion detector sensor 180 Comfort			
anthracite	6800-81-104	2TKA001504G1	1/10	
	Motion detector sensor 180 Comfort			
aluminium	1/10			

Timers



Countdown timer

User friendly timer with fixed time settings 15min, 30min, 1h, 2h, 4h or 8h. Countdown time is set with a screwdriver. 2-pole switch.

white	T210-84	2TKA00000875	1/10
anthracite	T210-81	2TKA00000876	1/10
aluminium	T210-83	2TKA00000877	1/10



Timer switches

Timer switch display, 10 A. Four switching times per day can be user-defined for each day of the week. Automatic summer/wintertime switch-over. 14-hour power reserve. Nominal voltage: 230 V/50 Hz. Operating temperature range: 0 °C - 35 °C. Timer switch insert is connected to universal relay unit 6401U-102. Suitable center plates 6435-8X.

	Inserts		
	Universal relay uni	t insert, 10 A	
	6401U-102	2TKA001428G1	1/10
	Timer switch disp	lay	
	6455-101-500	2TKA000025G1	1/10
	Centre plates		
white	6435-84	2TKA001434G1	1/10
aluminium	6435-83	2TK 4001433G1	1/10

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty



3-gang Euro socket outlets, flush mounting IP21Product includes euro socket outlet insert and center plate. The socket outlet insert has shutters and screwless N and L terminals for max 4 wires and 2 screwless X-terminals for max 2 wires. The terminals are for rigid wires. Branching terminals.

white	303UC-84	2TKA00000433	1/10
anthracite	303UC-81	2TKA00000340	1/10
aluminium	303UC-83	2TKA00000451	1/10



2-gang Schuko socket outlets, flush mounting, with cover plate, IP21

Product includes Schuko socket outlet insert and cover plate. The socket outlet insert has shutters and screwless terminals for max 4 rigid wires.

Branching terminals.

white	302EUJ-84	2TKA000952G1	1/10
anthracite	302EUJ-81	2TKA000951G1	1/10
aluminium	302EUJ-83	2TKA00000442	1/10



2-gang Schuko socket outlets, flush mounting in special 1,5 x box, IP21

Product includes Schuko socket outlet insert and cover plate. There are screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters. Flush mounting on a smooth surface IP21. Very flat construction. Installation in special 1,5X mounting box. Branching terminals.

white	302EUJT-84	2TKA00002007	1/10
anthracite	302EUJT-81	2TKA00002005	1/10
aluminium	302EUJT-83	2TKA00002006	1/10



2-gang Schuko socket outlets, flush mounting, IP21
Product includes Schuko socket outlet insert and center
plate. The socket outlet insert has shutters and
screwless terminals for max 4 rigid wires.
Branching terminals.

white	302EUC-84	2TKA00000431	1/10
anthracite	302EUC-81	2TKA00000440	1/10
aluminium	302EUC-83	2TKA00000441	1/10



2-gang Schuko outlets with special colour, IP21

Product includes Schuko socket outlet insert and center plate. The socket outlet insert has shutters and screwless terminals for max 4 rigid wires. These socket outlets can be used, for instance, in hospitals and offices, when there is a need to limit socket outlet use to certain applications. Flush mounting: On a smooth surface IP21, on a rough surface with a seal IP21. Surface mounting: IP21. Branching terminals.

red	302EUC-02	2TKA00002962	1/10
orange	302EUC-03	2TKA00002963	1/10
green	302EUC-05	2TKA00002964	1/10
blue	302EUC-06	2TKA00002965	1/10

Product	Article-No.	Order-No.	Pack/Qty



Flush mounting 2-gang Schuko socket outlets with lid

Product includes Schuko socket outlet insert, center plate with lid. The socket outlet insert has shutters and screwless terminals. The terminals are for max 2 rigid wires. Flush mounting on slide surface IP21 and with seal 2464 on rough surface IP44. The seal 2464 is not included in delivery. Branching terminals.

white	302EUCK-84	2TKA00003033	1/10
anthracite	302EUCK-81	2TKA00003031	1/10
aluminium	302EUCK-83	2TKA00003032	1/10



Non-earthed flush mounting 2-gang socket outlets IP21, with cover plate

Product includes socket outlet insert, center plate and cover frame. The socket outlet insert has shutters and screwless terminals for max 4 rigid wires. Claws can be fitted to socket outlet afterwards. Branching terminals.

white	302UJ-84	2TKA00000432	1/10
anthracite	302UJ-81	2TKA00000339	1/10
aluminium	302UJ-83	2TKA00000338	1/10



Flush mounting 1-gang Schuko socket outlets IP21 with cover plate

Product includes Schuko socket outlet insert, center plate and cover frame. The socket outlet has shutters and screwless terminals for max 2 rigid wires.

white	20EUJ-84	2TKA003848G1	1/10
anthracite	20EUJ-81	2TKA00000438	1/10
aluminium	20EUJ-83	2TKA00000439	1/10



1-gang Schuko socket outlets, flush mounting, IP21 Product includes Schuko socket outlet insert and center plate. The socket outlet has shutters and screwless terminals for max 2 rigid wires.

white	20EUC-84	2TKA003846G1	1/10	_
anthracite aluminium	20EUC-81 20EUC-83	2TKA00000434 2TKA00000435	1/10	_



Flush mounting 1-gang Schuko socket outlets with lid IP21

Product includes Schuko socket outlet insert and center plate. The socket outlet has shutters and screwless terminals for max 2 rigid wires.

white	20EUCK-84	2TKA003847G1	1/10
anthracite	20EUCK-81	2TKA00000436	1/10
aluminium	20EUCK-83	2TKA00000437	1/10

Pack/Qty

Product

Impressivo

Socket outlets

Article-No.

			, ,
			'
	LED light, IP20 Product includes plate. A white cold socket outlet. The it can be connected outlet insert has s	Schuko socket outlet ins or LED light is integrated light can be controlled a ed to the socket termina shutters. There are screv 2 rigid wires for each co	ert and center linto the seperately or ls. The socket vless
white	20EUCBLI-84	2TKA00000891	1/10
aluminium	20EUCBLI-83	2TKA00000889	1/10



1-gang Schuko socket outlet with center plate and USB charger, IP20

Order-No.

The socket outlet has an integrated USB charger 5V/0,7A with electronic short-circuit and overload protection. Power dissipation 0,1W. Compatible with USB devices, iPod and iPhone. The Schuko socket outlet is 16A/250V. There are screwless terminals for each contact of the socket outlet. The socket outlet has shutters. The terminals are for max 2 rigid wires. No X-terminals.

white	20EUCBUSB-84	2TKA00001884	1
anthracite	20EUCBUSB-81	2TKA00001882	1
aluminium	20EUCBUSB-83	2TKA00001883	1



Residual current devices

16A/250V IP21, with built-in A-type residual current device (RCD), tripping current 30mA. Approved for extending a branch circuit, but only regular sockets connected to protected outlet wires are protected. The socket outlet insert has shutters. The products are sold with cover plates. The socket outlet insert has shutters and screwless terminals.

white	3120EUC-84	2TKA00003318	1/10
white	3150UC-84.1	2TKA00003319	1/10



2-gang Schuko socket outlet, Flush mounting, IP44 Product includes Schuko socket outlet insert, center plate with lid, cover frame and seal. The socket outlet insert has shutters and screwless terminals. The terminals are for max 2 rigid wires. Flush mounting on rough surface IP44. Branching terminals.

white	302EUJW-84	2TKA000954G1	1/10	
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1-gang Schuko socket outlet, flush mounting, IP44 Product includes Schuko socket outlet insert, center plate with lid, cover frame and seal. The socket outlet insert has shutters and screwless terminals. The terminals are for max 2 rigid wires. Flush mounting on rough surface IP44.

white	20EUJW-84	2TKA000698G1	1/10

Product	Article-No.	Order-No.	Pack/Qty
	1-gang socket ou plate with a hing	-gang socket outlet, IP44 utlets installed with a sea ed lid are IP44. Socket ou ough surface is IP21.	l and a center
	2463	2TKA000002G1	20/200
-0	2-gang socket ou plate with a hing	2-gang socket outlet, IP4 utlets installed with a sea ed lid are IP44. Socket ou ough surface is IP21.	l and a center

2TKA000003G1

20/200

2464

Data communication

Product	Article-No.	Order-No.	Pack/Qt
CIL		liding dust covers for In	•
		connectors and center ponnectors CEL30.UX are	
1		nis device, due to its inte	
	covers.		
	Modular		
	Supporting frame	insert for 2xRJ45, Keysto	one
	1819.01	2TKA000599G1	10/100
	Supporting frame 1819.02	insert for 2xRJ45, AMP	10/100
		2TKA000600G1	10/100
	1819.03	insert for 2xRJ45, Actas: 2TKA000601G1	10/100
		insert for 2xRJ45, Systin	•
	1819.04	2TKA000602G1	10/100
	Center plate, 2 x R	145, dust covers	
vhite	1819DC-84	2TKA00001111	1/10
	Center plate, 2 x R		
		2TKA00001109	1/10
anthracite	1819DC-81	LINAGOGGIIGS	
	Center plate, 2 x R	145, dust covers	
	Center plate, 2 x R. 1819DC-83 RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co		late with not
	Center plate, 2 x R. 1819DC-83 RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co	145, dust covers 2TKA00001110 Iiding dust covers for do connectors and center ponnectors CEL30.UX are	esign-series
	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The compatible with the covers.	liding dust covers for de connectors and center ponnectors CEL30.UX are nis device, due to its inte	esign-series late with not grated blind
aluminium	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The compatible with the covers. Modular Supporting frame	liding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its inte	esign-serie: late with not grated blind
aluminium	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1	145, dust covers 2TKA00001110 Iiding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its inte	esign-series late with not grated blind
aluminium	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame	A45, dust covers 2TKA00001110 Iiding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its inte insert for 2xRJ45, Systin 2TKA000595G1 insert for 2xRJ45, Keyste	esign-series late with not grated blind nax 10/100 one
green	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1812.1	Iding dust covers 2TKA00001110 Iding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its interpose insert for 2xRJ45, Systim 2TKA000595G1 insert for 2xRJ45, Keyster 2TKA000596G1	esign-series late with not grated blind
green	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1812.1	A45, dust covers 2TKA00001110 Iiding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its inte insert for 2xRJ45, Systin 2TKA000595G1 insert for 2xRJ45, Keyste	esign-series late with not grated blind nax 10/100 one
aluminium	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1812.1 Supporting frame	Iding dust covers 2TKA00001110 Iding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its interpose to the connectors CEL30.UX are his device, due to its interpose to the connectors CEL30.UX are his device, due to its interpose to the connectors CEL30.UX are his device, due to its interpose to the connectors CEL30.UX are his device, due to its interpose to the connectors CEL30.UX are his device, due to its interpose to the connectors CEL30.UX are his device, due to its interpose to the connectors CEL30.UX are his device, due to its interpose to the connectors and center ponnectors and center ponnectors are his device, due to its interpose to the connectors and center ponnectors and center ponnectors and center ponnectors.	pesign-series plate with not grated blind nax 10/100 one 10/100
green	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1812.1 Supporting frame	liding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its interponent for 2xRJ45, Systim 2TKA000595G1 insert for 2xRJ45, Keyste 2TKA000596G1 insert for 2xRJ45, AMP 2TKA000597G1	esign-serie: late with not grated blind nax 10/100 one 10/100
anthracite aluminium green red black	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1812.1 Supporting frame 1814.1 RJ45 outlet include RJ45 outlet include	Iding dust covers 2TKA00001110 Iding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its interpose insert for 2xRJ45, Systim 2TKA000595G1 insert for 2xRJ45, Keyster 2TKA000596G1 insert for 2xRJ45, AMP 2TKA000597G1 ing connectors ing 2 x Cat6 UTP RJ45 co	nax 10/100 10/100 nnectors
green	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1812.1 Supporting frame 1814.1 RJ45 outlet include RJ45 outlet includi manufactured by 3	Iding dust covers 2TKA00001110 Iding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its inte insert for 2xRJ45, Systin 2TKA000595G1 insert for 2xRJ45, Keyste 2TKA000596G1 insert for 2xRJ45, AMP 2TKA000597G1 ing connectors ing 2 x Cat6 UTP RJ45 co	nax 10/100 10/100 nnectors The dust
green	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1814.1 RJ45 outlet include RJ45 outlet include manufactured by 3 covers are integrate	Iding dust covers 2TKA00001110 Iding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its interpose insert for 2xRJ45, Systim 2TKA000595G1 insert for 2xRJ45, Keyster 2TKA000596G1 insert for 2xRJ45, AMP 2TKA000597G1 ing connectors ing 2 x Cat6 UTP RJ45 co	nax 10/100 10/100 nnectors The dust
green	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1812.1 Supporting frame 1814.1 RJ45 outlet include RJ45 outlet includi manufactured by 3	Iding dust covers 2TKA00001110 Iding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its inte insert for 2xRJ45, Systin 2TKA000595G1 insert for 2xRJ45, Keyste 2TKA000596G1 insert for 2xRJ45, AMP 2TKA000597G1 ing connectors ing 2 x Cat6 UTP RJ45 co	nax 10/100 10/100 nnectors The dust
green	RJ45 outlet with s Insert for 2 x RJ45 dust covers. The co compatible with th covers. Modular Supporting frame 1810.1 Supporting frame 1814.1 RJ45 outlet include RJ45 outlet include manufactured by 3 covers are integrate	Iding dust covers 2TKA00001110 Iding dust covers for deconnectors and center ponnectors CEL30.UX are his device, due to its inte insert for 2xRJ45, Systin 2TKA000595G1 insert for 2xRJ45, Keyste 2TKA000596G1 insert for 2xRJ45, AMP 2TKA000597G1 ing connectors ing 2 x Cat6 UTP RJ45 co	nax 10/100 10/100 nnectors The dust
aluminium	RJ45 outlet with some compatible with the covers. Modular Supporting frame 1810.1 Supporting frame 1812.1 Supporting frame 1814.1 RJ45 outlet including manufactured by 3 covers are integratincluded.	liding dust covers 2TKA00001110 liding dust covers for deconnectors and center pointed for the connectors CEL30.UX are as a consist device, due to its interest for 2xRJ45, Systim 2TKA000595G1 insert for 2xRJ45, Keyster 2TKA000596G1 insert for 2xRJ45, AMP 2TKA000597G1 ing connectors ing 2 x Cat6 UTP RJ45 co and blind cover plates are din the connector. Blind seed in the connector.	nax 10/100 10/100 nnectors The dust id covers

The dust covers are integrated into the connectors. The $\,$

2TKA001891G1

10/100

connector is manufactured by 3M.

CEL30.U6

white

Product	Article-No.	Order-No.	Pack/Qt
	tele connectors i with a suitable D	enter plate is used to fix many differ nto the mounting box. To KS adapter 18XXEB.XXX. late and assembly ring.	be fitted
white	1758-84	2TKA000487G1	1/10
inthracite	1758-81	2TKA000485G1	1/10
luminium	1758-83	2TKA000486G1	1/10
00	DKS-adapters Different adapte DKS-center plate	rs for DKS-system. Suitab 1758-xx.	ole for
	RJ45 Adapter for DKS-	system, 2 x RJ45, Keystor 2TKA000618G1	ne 10/100
		system, 2 x RJ45, AMP 2TKA000624G1	10/100
	Adapter for DKS- 1872EB	system, 2 x RJ45, Systima 2TKA000622G1	10/100
	Fiber		
	Adapter for DKS- 1870EB	system, fiber 2 x Simplex 2TKA000621G1	ST 10/100
	Adapter for DKS- 1874EB	system, fiber 2 x SCD 2TKA000623G1	10/100
	Audio		
	Adapter for DKS- 1853EB	system, XLR audio conne 2TKA000614G1	ctor type FP 10/100
	Adapter for DKS- 1854EB	system, XLR audio conne 2TKA000615G1	ctor type Mi 10/100
	Adapter for DKS- connector 1876EB	system, XLR D-type or Sp 2TKA000626G1	eakon audio
	Others	ZTRAGOGZEGGI	10/100
	Adapter for DKS- 1850EB	system, D-type 9-pin con 2TKA000612G1	nector 10/100
	Adapter for DKS- 1855EB	system, 2 x BNC/TNC, 9,8 2TKA000616G1	3mm 10/100
	Adapter for DKS- 1857EB	system, 2 x BNC/TNC, 12 2TKA000617G1	,9mm 10/100
		system, blank	•

Suitable for DKS-center plate 1758-xx. VGA connector is

2TKA000613G1

1/10

included (15pin D-sub). Cable should be connected by

soldering.

1850EB.VGA

Pack/Qty

Product

Impressivo

Data communication

Article-No.

<u>a</u> ā	DKS-adapter with Composite-/S-video connectors Suitable for DKS-center plate 1758-xx. Composite (BNC) and S-video (Mini DIN) connectors are included. Composite video connectors internal coaxial cable should be terminated by BNC-type connector. S-video internal cable is standard twisted-pair cable with toolless connection





DKS-adapter with Speakon connector

Suitable for DKS-center plate 1758-xx. Speakon 4-pin loudspeaker connector is included. Flat tab terminals.

Order-No.

1876EB.SPE	2TKA000627G1	1/10
TOTOLD.JI L	LINAGOGGETGI	1/10



Antenna center plate, TV/R/Sat

Center plate for common antenna outlet inserts. The terminal "Sat" is closed, but can be knocked out.

white	1743-84	2TKA000465G1	1/10
anthracite	1743-81	2TKA000463G1	1/10
aluminium	1743-83	2TKA000464G1	1/10



USB charger

For supply and support of two mobile devices via USB-cable. With two USB A-type connectors. With electronic short-circuit and overload protection. Rated voltage: 230V~/5V-, 50Hz - 60Hz, power dissipation 0.3W. Suitable for: In case one output is used rated current max 1400mA. In case two output are used rated current max 700mA.

Insert

Tele outlet insert, I	USB charging station 2 x	0,7A
6472U	2TKA00001885	1

Center plate, tele outlet

white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10



Tele outlet USB

Tele outlet with USB A-type connector. Compatible up to USB 2.0 versions. Internal connections with screw type terminals.

Insert *

	Tele outlet insert, with USB A-type connector					
	0261/13	2TKA00001916	1			
	Center plate, tele outlet					
white	1766-84 2TKA000498G1 1/10					
anthracite	ite 1766-81 2TKA000495G1 1/10				racite 1766-81	1/10
aluminium	1766-83	2TK 4000496G1	1/10			

^{*} Delivery time 3 weeks.

Product	Article-No.	Order-No.	Pack/Qty



Tele outlet VG/

Tele outlet for VGA display with D-sub 15pin connector. Internal connections with screw type terminals.

Insert *

	Tele outlet insert, with VGA 15pin D-sub connector			
	0261/23	1		
	Center plate, tele outlet			
white	1766-84 2TKA000498G1 1/10			
anthracite	1766-81 2TKA000495G1 1/10			
aluminium	1766-83	2TKA000496G1	1/10	

^{*} Delivery time 3 weeks.



Tele outlet HDMI

Tele outlet for HDMI display with A-type connector. Internal connections with screw type terminals.

Insert *

	Tele outlet insert, with HDMI A-type connector						
	0261/33	2TKA00001918	1				
	Center plate, tele outlet						
white	1766-84 2TKA000498G1 1/10						
anthracite	1766-81 2TKA000495G1 1/10					nthracite 1766-81	1/10
aluminium	1/10						

^{*} Delivery time 3 weeks.



Tele outlet BNC-F

Tele outlet for 1 or 2 BNC-F type connectors. Mounting hole for a connector is 12mm. The insert and the connectors are sold separately.

Insert and connector *

	rele outlet insert for 2 x BNC-F type connectors		
	0262/13	2TKA00001919	1
	Connector, BNC	C-F type, d = 12mm	
	0262	2TKA00001920	1
	Center plate, te	ele outlet	
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10

^{*} Delivery time 3 weeks.

Data communication

Product	Article-No.	Order-No.	Pack/Qty
			'



Tele outlet for 1 or 2 RCA audio/video connectors. The insert and the connectors are sold separately.

	Insert and connector * Tele outlet insert for 2 x RCA connectors		
	0263/13	2TKA00001921	1
	Connector, RCA		
white	0263/04	2TKA00001922	1
	Connector, RCA		
black	0263/05	2TKA00001923	1
	Connector, RCA		
red	0263/06	2TKA00001924	1
	Connector, RCA		
yellow	0263/07	2TKA00001925	1
	Center plate, tele	outlet	
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10

^{*} Delivery time 3 weeks.



aluminium

Tele outlet for Mini Jack

1766-83

Tele outlet for 1 or 2 Mini Jack connectors. The insert and the connectors are sold separately.

2TKA000496G1

1/10

Insert and connector *

	Tele outlet insert for 2 x Mini Jack connectors			
	0264/13	2TKA00001926	1	
	Connector, Min	i Jack 3,5mm, stereo		
	0264	2TKA00001927	1	
	Center plate, tele outlet			
white	1766-84	2TKA000498G1	1/10	
anthracite	1766-81	2TKA000495G1	1/10	
aluminium	1766-83	2TKA000496G1	1/10	

^{*} Delivery time 3 weeks.



Speaker outlet, stereo

There are plug in connectors for speaker wires and screw terminals for max 10mm2 internal wires.

	Modular		
	Tele outlet insert, speaker, stereo		
	0248.00	2TKA000090G1	1/10
	Center plate, tele out	tlet	
white	1766-84	2TKA000498G1	1/10
	Center plate, tele out	tlet	
anthracite	1766-81	2TKA000495G1	1/10
	Center plate, tele out	tlet	
aluminium	1766-83	2TKA000496G1	1/10

Product	Article-No.	Order-No.	Pack/Qty



Speaker outlet, mono

There is one red and one black gold plated terminal screw for the speaker wires and screw terminals for max 10mm² internal wires.

Modular

	Speaker insert, with terminal screws		
	1819.LSP	2TKA000603G1	1/10
	Center plate, 2 x	RJ45, blind covers	
white	1819-84	2TKA000609G1	1/10
	Center plate, 2 x	RJ45, blind covers	
anthracite	1819-81	2TKA000605G1	1/10
	Center plate, 2 x RJ45, blind covers		
aluminium	1819-83	2TKA000607G1	1/10



Center plates for Ø 22.5mm devices

. Center plates with \emptyset 22.5mm openings, equipped with a groove to prevent rotation. Use with 22mm dieameter to fasten different devices.

white	2533-84	2TKA000841G1	1/10
anthracite	2533-81	2TKA000839G1	1/10
aluminium	2533-83	2TKA000840G1	1/10



Equipotential outlet

2-gang equipotential outlet. Screw terminals for 1 x 6mm² and 4 x 2,5mm² wires. The product includes insert and center plate.

white	2095UC-84	2TKA000652G1	10/100
anthracite	2095UC-81	2TKA000650G1	10/100
aluminium	2095UC-83	2TKA000651G1	10/100



Equipotential plug

Suitable for potential equalization and to be used with equipotential outlets. For max. 6 mm² wires. The wire is connected by pressing with tool or by soldering.

0299.00032	2TKA000091G1	10/100
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Multimedia

Product	Article-No.	Order-No.	Pack/Qty	
MAG	DigitalRadio set 2-gang combination digital radio and loudspeaker (flush mounted). The radio offers a stereo RDS tuner with 8 memory presets as well as programmable clock alarm and snooze functions which are controlled with the switch rocker.			
white	8220-84	2TKA001587G1	1/10	
	DigitalRadio The radio offers a stereo RDS tuner with 8 memory presets as well as programmable clock, alarm and snooze functions. Output max. 2x2W. Frequency response: 100-10 000 Hz. Reception frequency			

	Insert			
	Digital Radio In	Digital Radio Insert, FM		
	8215U	2TKA001586G1	1/10	
	Center plate			
white	8252-84	2TKA001592G1	1/10	
anthracite	8252-81	2TKA001590G1	1/10	
aluminium	8252-83	2TKA001591G1	1/10	



Loudspeaker

87,50-108,0 Mhz. IP20.

For DigitalRadio 8215U. Size 2". Rated output 2W. Frequency response: 200-20 000 Hz, IP20.

	Insert			
	Loudspeaker insert 8223U 2TKA001588G1 1/10			
	Center plate			
white	8253-84	2TKA001597G1	1/10	
anthracite	8253-81	2TKA001595G1	1/10	
aluminium	8253-83	2TKA001596G1	1/10	



iNetRadio

WLAN Internet radio with display for flush-mounted installation. For the reception of national and international radio stations via Internet. Radio station search possible via various genres. Integrated web-server for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone.

	For mono/stereo operation. 8 radio stations storable.		
	Set *		
	iNetRadio kit		
	8240-84-500	2TKA00002109	1/10
	Center plate *		
	iNetRadio		
	8216U-500	2TKA00002110	1/10
	DigitalRadio, center plate		
white	8252-84	2TKA001592G1	1/10
	DigitalRadio, center plate		
anthracite	8252-81	2TKA001590G1	1/10
	DigitalRadio, cent	er plate	
aluminium	8252-83	2TKA001591G1	1/10

^{*} Delivery time to ask.

Thermostats

Product	Article-No.	Order-No.	Pack/Qty	
	Floor heating th	ermostat		
		ermostat for room-specif		
00		ustment. 230 V~, 50 Hz, 1		
J.		n NTC 15 kΩ / 25 °C. Oper	-	
)+30 °C. Switch: 2-pole.		
		2x2.5 mm2. Temperature ange: +5+ 45 °C. Hyster		
	•	nperature: 75 °C. Utilization		
	•	pe: 1C. Method of mounti	,	
	, , ,	` , , , , ,		
	Includes insert a	and center plate		
	Floor heating the	ermostat, 16 A, with sens	or	
white	TF16-15-84	2TKA00002923	1/10	
	Sold in parts			
	·	Floor heating thermostat, 16 A, with sensor, Insert		
	TF16-15U	2TKA00002848	•	
	0 _00		1/10	
	Center plate, for			
white	T-11-84	2TKA00000274	1/10	
	Center plate, for	Center plate, for thermostat		
anthracite	T-11-81	2TKA00000267	1/10	
	Center plate, for	thermostat		
aluminium	T-11-83	2TKA00000273	1/10	



Combination thermostat 15A

Combination thermostat can be used as a combination thermostat or only either as a room thermostat or floor heating thermostat.

Set the room temperature to the desired value with the round adjustment knob; the adjustment range is +5...+35 °C

Set the maximum floor temperature by turning the adjustment screw in the top left corner; the adjustment range is +20...+50 °C.

When the thermostat is used to adjust a floor heating element heating a floor made of wood or corresponding material, never set the maximum floor temperature to over +35 °C (factory setting), or according to the floor material manufacturer's instructions.

The device measures the temperature inside the floor, which differs from the floor's surface temperature. Freezing protection: Set the adjustment knob to position 5, and the thermostat will keep room temperature at +5 $^{\circ}$ C.

Temperature limiting: There are limiting pins under the adjustment knobs that use to limit the movement of the adjustment knob. Move the pins to the desired position to set the maximum and minimum temperatures. $230V^{\sim}/50Hz/15A/3450W/IP31/doubleinsulated/sensor: 3 m/NTC 15 k\Omega/25 °C/Operating temperature: -10...+30 °C/switch: 2-pole/screw terminals: max. 2x2.5 mm2/temperature drop: fixed 5 °C/adjustment range: +5...+ 45 °C/hysteresis+/-0.4 °C.$

Includes insert and center plate

white	TC-15-13-84	2TKA00002055	1/10
anthracite	TC-15-13-81	2TKA00002056	1/10
aluminium	TC-15-13-83	2TKA00002057	1/10

white

aluminium

Thermostats

Product	Article-No.	Order-No.	Pack/Qty	
	Motor controller 1A and 2,5A, IP21 For controlling the operating speed of fan motors. Nominal voltage: 230V, 50 Hz.			
	Jussi, includes in	Jussi, includes insert, center plate and cover frame		
	Motor controller ().1-1A		
	2299UCJ-214	2TKA000738G1	1/10	
	Motor controller ().1-2,5A		
	2297UCJ-214	2TKA000735G1	1/10	
	Impressivo, cente	er plate		
	Dimmer center pl	ate, with neon lamp		
white	6540-84-101	2TKA001454G1	1/10	
	Dimmer center pl	ate, with neon lamp		
anthracite	6540-81-101	2TKA001452G1	1/10	
	Dimmer center pl	ate, with neon lamp		
aluminium	6540-83-101	2TKA001453G1	1/10	
AM 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Room thermostat, surface mounting Room thermostat for surface mounting. Does not need a separate bus interface. Thermostat has LCD display and possibility to control fan coil actuator manually.			

2TKA00000361

2TKA00000359

1

6138/11-84-500

6138/11-83-500

RF-products

Product	Article-No.	Order-No.	Pack/Qty
	RF EnOcean products		
	Radiofrequency opera	ited switches and	relays.
	Push button EnOcean	, 1-gang	
white	1786RF-84 *	2TKA000548G1	1
	Push button EnOcean	, 1-gang	
anthracite	1786RF-81 *	2TKA000546G1	1
	Push button EnOcean	, 1-gang	
aluminium	1786RF-83 *	2TKA000547G1	1
	Push button EnOcean	, 2-gang	
white	1785RF-84	2TKA000537G1	1
	Push button EnOcean	, 2-gang	
anthracite	1785RF-81 *	2TKA000535G1	1
	Push button EnOcean	, 2-gang	
aluminium	1785RF-83 *	2TKA000536G1	1
	Switch actuator EnOcean, 1-fold 10 A, FM		
	6401/RF	2TKA001425G1	1
	KNX/EnOcean Gatewa	ay, SM	
	EG/A32.2.1 *	2TKA00002641	1

^{*} Delivery time to ask.

RF-products with battery

Product	Article-No.	Order-No.	Pack/Qt
	1-gang, RF-wirele	ss push buttons	
white	1-gang RF 6731-84-500	2TKA00001789	1/10
aluminium	Wireless Push Butt	on 1-gang RF 2TKA00001790	1/10
-	2-gang, RF-wirele	ss push buttons	
white	6732-84-500	2TKA00001792	1/10
-			
minium	6732-84-500 6732-83-500 * ery time to ask.	2TKA00001792 2TKA00001793	1/10 1/10

white	6733-84-500	2TKA00001795	1/10
aluminium	6733-83-500 *	2TKA00001796	1/10

^{*} By order: delivery time to ask.



RF-receivers, flushmounted

Watchdog receive	r, RF, 230V, 10AX	
6701-101-500	2TKA000031G1	1/10
Receiver, RF, reley,	230V, 10AX	
6702-500	2TKA00001799	1/10
Switch actuator RI	=, 230V, 2x3AX	
6703-500	2TKA00001800	1/10
Blind actuator, RF,	230V, 2x3A	
6705-500	2TKA00001801	1/10
Universal dimming	actuator, RF, 230V, 35-	210W
6704-500	2TKA00001798	1/10
WaveLINE binary in	nput, 2gang, 230 V~	
6725-500	2TKA00003004	1/10

8.8

RF-remote control

Remote control RF		
6780-500	2TKA00001802	1/10

Product	Article-No.	Order-No.	Pack/Qty
0	RF-sensors *		
	6725-500	2TKA00003004	1/10
white	RF window sensor 6720-64	2TKA00002201	1/10
steel	RF window sensor 6720-66	2TKA00002203	1/10
white	Universal sensor RF 6721-64	2TKA00002205	1/10

No.	_
100	
1	

RF-displays * LED Display RF

white	6730-84	2TKA00002195	1/10
aluminium	6730-83	2TKA00002197	1/10

^{*} By order: delivery time to ask.



Bottom parts of the displays *

RF relay with inst	RF relay with installation ring 10AX		
6404U	2TKA00002452	1/10	
RF dimmer with i	RF dimmer with installation ring 60-450VA		
6595U	2TKA00002453	1/10	

 $^{^{\}star}$ By order: delivery time to ask.

1/10

2TKA000631G1

Impressivo

Signal

Product	Article-No.	Order-No.	Pack/Qty		
8	mounting box. Sh Voltage: 230 V ac	Transformer Small size transformer to be installed in normal mounting box. Short circuit protected. Voltage: 230 V ac / 15 V ac. Power / loading capacity: 2,2 VA / 150 mA.			
	Jussi, includes in	sert and center plate			
	Transformer				
	FLM1000	2TKA002168G1	1/10		
	Impressivo, cente	er plate			
	Center plate, blind	k k			
white	U-84	2TKA003414G1	1/10		
	Center plate, blind	t c			
anthracite	U-81	2TKA003412G1	1/10		
	Center plate, blind	 1			
aluminium	U-83	2TKA003413G1	1/10		
	188		-		
	during alarm. Whe lits constantly. Po opening potential against short circ	onnecting button. The LE en cancelled/disconnect ssibility to connect closi I free contacts. Loop con uits and breaks. Functio	ed the LED ing and itrols itself n selectors		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consump	en cancelled/disconnect ssibility to connect closi I free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking poss e: 15 - 28 V ac / 18 - 35 V o tion, FEH1001 and FEH1	ed the LED ng and trols itself n selectors /2,5 sec. ibilities. dc.		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/0 Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA	en cancelled/disconnect ssibility to connect closi free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking poss' e: 15 - 28 V ac / 18 - 35 V o tion, FEH1001 and FEH1: dc, FEH 1002: 110 mA ac	ed the LED ng and trols itself n selectors /2,5 sec. ibilities. dc.		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes instantly.	en cancelled/disconnectes sibility to connect closi free contacts. Loop conuits and breaks. Functio DFF and "T" delay 150ms put. Good marking posses: 15 - 28 V ac / 18 - 35 V ac / 18 - 15 V ac / 18 V a	ed the LED ng and trols itself n selectors /2,5 sec. ibilities. dc. 101:		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consump 70 mA ac / 40 mA Jussi, includes instantial control Unit, 1-loc	en cancelled/disconnectessibility to connect closifree contacts. Loop conuits and breaks. Function DFF and "T" delay 150ms et 15 - 28 V ac / 18 - 35 V at 150m, FEH1001 and FEH1 dc, FEH 1002: 110 mA action, FEH 1002: 110 mA action of the sert and center plate	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101:		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes ins Control Unit, 1-loc FEH1001	en cancelled/disconnecte ssibility to connect closi free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking poss e: 15 - 28 V ac / 18 - 35 V ction, FEH1001 and FEH1: dc, FEH 1002: 110 mA ac sert and center plate	ed the LED ng and trols itself n selectors /2,5 sec. ibilities. dc.		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes instantial Control Unit, 1-loc FEH1001 Control Unit, 2-loc	en cancelled/disconnecte ssibility to connect closi I free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking possi e: 15 - 28 V ac / 18 - 35 V o tion, FEH1001 and FEH1: dc, FEH 1002: 110 mA ac sert and center plate pp 2TKA002107G1	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: / 60 mA dc.		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/C Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes instantial Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002	en cancelled/disconnecte ssibility to connect closi I free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking poss e: 15 - 28 V ac / 18 - 35 V o tion, FEH1001 and FEH1 dc, FEH 1002: 110 mA ac sert and center plate DP 2TKA002107G1	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101:		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/C Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes instantial Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc Control Unit, 1-lo	en cancelled/disconnectessibility to connect closi of the contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking poss e: 15 - 28 V ac / 18 - 35 V o tion, FEH1001 and FEH1 dc, FEH 1002: 110 mA ac sert and center plate DP 2TKA002107G1 DP 2TKA002110G1 Dp, disconnectable	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: c / 60 mA dc.		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/C Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes instantial Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002	en cancelled/disconnecte ssibility to connect closi I free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking poss e: 15 - 28 V ac / 18 - 35 V o tion, FEH1001 and FEH1 dc, FEH 1002: 110 mA ac sert and center plate DP 2TKA002107G1	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: / 60 mA dc.		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/C Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes instantial Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc Control Unit, 1-lo	en cancelled/disconnecte ssibility to connect closi I free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking poss e: 15 - 28 V ac / 18 - 35 V de tion, FEH1001 and FEH1: dc, FEH 1002: 110 mA ac sert and center plate DP 2TKA002107G1 DP 2TKA002110G1 DP, disconnectable 2TKA002111G1	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: c / 60 mA dc.		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes instantial Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101	en cancelled/disconnecte ssibility to connect closi I free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking possi e: 15 - 28 V ac / 18 - 35 V of tion, FEH1001 and FEH1: dc, FEH 1002: 110 mA ac sert and center plate DP 2TKA002107G1 DP 2TKA002110G1 DP, disconnectable 2TKA002111G1	ed the LED ng and ttrols itself n selectors /2,5 sec. ibilities. dc. 101: c / 60 mA dc.		
white	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/o Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes ins Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101 Impressivo, cente	en cancelled/disconnecte ssibility to connect closi I free contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking possi e: 15 - 28 V ac / 18 - 35 V of tion, FEH1001 and FEH1: dc, FEH 1002: 110 mA ac sert and center plate DP 2TKA002107G1 DP 2TKA002110G1 DP, disconnectable 2TKA002111G1	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: c / 60 mA dc.		
white	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/o Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes inst Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101 Impressivo, center Center plate, 1-fol 1P-84	en cancelled/disconnecte ssibility to connect closi of ree contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking possi e: 15 - 28 V ac / 18 - 35 V of tion, FEH1001 and FEH1 dc, FEH 1002: 110 mA act sert and center plate DP 2TKA002107G1 DP 2TKA002110G1 DP, disconnectable 2TKA002111G1 DP der plate	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: / 60 mA dc. 1/10 1/10 1/10		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes inst Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101 Impressivo, cente Center plate, 1-fol	en cancelled/disconnecte ssibility to connect closi of ree contacts. Loop con uits and breaks. Functio DFF and "T" delay 150ms put. Good marking possi e: 15 - 28 V ac / 18 - 35 V of tion, FEH1001 and FEH1 dc, FEH 1002: 110 mA act sert and center plate DP 2TKA002107G1 DP 2TKA002110G1 DP, disconnectable 2TKA002111G1 DP der plate	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: / 60 mA dc. 1/10 1/10 1/10		
	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/o Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes ins Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101 Impressivo, cente Center plate, 1-fol 1P-84 Center plate, 1-fol 1P-81	en cancelled/disconnectentsibility to connect closi of the contacts. Loop conuits and breaks. Function of F and "T" delay 150 ms put. Good marking possibility to condition, FEH1001 and FEH1100, FEH1002: 110 mA action, FEH1002: 110 mA action, FEH1002: 110 mA action, FEH1001 and FEH1100; FEH1002: 110 mA action, FEH1002	ed the LED ng and ttrols itself n selectors /2,5 sec. ibilities. dc. 101: c / 60 mA dc. 1/10 1/10 1/10 1/10		
anthracite	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/G Potential free out Operating voltage Current consumpt 70 mA ac / 40 mA Jussi, includes instantial Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101 Impressivo, center Center plate, 1-fol 1P-84 Center plate, 1-fol	en cancelled/disconnectents cancelled/disconnectents cancelled/disconnectents sibility to connect closi of the contacts. Loop conduits and breaks. Function DFF and "T" delay 150ms put. Good marking possible: 15 - 28 V ac / 18 - 35	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: // 60 mA dc. 1/10 1/10 1/10 1/10 1/10		
white anthracite	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes ins Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101 Impressivo, cente Center plate, 1-fol 1P-84 Center plate, 1-fol 1P-81 Center plate, 1-fol 1P-83	en cancelled/disconnectents cancelled/disconnectents cancelled/disconnectents cancelled connected contents and breaks. Function of Frand "T" delay 150ms en 15 - 28 V ac / 18 - 35 V at ion, FEH1001 and FEH1 dc, FEH 1002: 110 mA action cancelled contents cancelled cancelled contents cancelled cancelled contents cancelled cancelled contents cancelled contents cancelled contents cancelled contents cancelled contents cancelled contents cancelled conte	ed the LED ng and ttrols itself n selectors /2,5 sec. ibilities. dc. 101: c / 60 mA dc. 1/10 1/10 1/10 1/10		
anthracite	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes ins Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH1101 Impressivo, cente Center plate, 1-fol 1P-84 Center plate, 1-fol 1P-81 Center plate, 1-fol 1P-83 Center plate, 2-fol	en cancelled/disconnectents cancelled/disconnectents cancelled/disconnectents cancelled free contacts. Loop condits and breaks. Function OFF and "T" delay 150ms put. Good marking possive: 15 - 28 V ac / 18 - 35 V ac	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: 1/10 1/10 1/10 1/10 1/10 1/10 1/10		
anthracite	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes ins Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH101 Impressivo, cente Center plate, 1-fol 1P-84 Center plate, 1-fol 1P-81 Center plate, 1-fol 1P-83 Center plate, 2-fol 2P-84	en cancelled/disconnectents cancelled/disconnectents cancelled/disconnectents cancelled connected contents and breaks. Function of Frand "T" delay 150ms put. Good marking possis: 15 - 28 V ac / 18 - 35 V oction, FEH1001 and FEH1: dc, FEH 1002: 110 mA action of FEH	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: // 60 mA dc. 1/10 1/10 1/10 1/10 1/10		
anthracite aluminium white	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes inst Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH101 Impressivo, center Center plate, 1-fol 1P-84 Center plate, 1-fol 1P-83 Center plate, 2-fol 2P-84 Center plate, 2-fol	en cancelled/disconnectents cancelled/disconnectents cancelled/disconnectents cancelled connected contents and breaks. Function of Frand "T" delay 150ms put. Good marking possis: 15 - 28 V ac / 18 - 35 V oction, FEH1001 and FEH1: dc, FEH 1002: 110 mA action, FEH 1002: 11	ed the LED ng and itrols itself n selectors /2,5 sec. iibilities. dc. 101: 1/10 1/10 1/10 1/10 1/10 1/10 1/10		
anthracite aluminium white	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes inst Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH101 Impressivo, cente Center plate, 1-fol 1P-84 Center plate, 1-fol 1P-81 Center plate, 1-fol 1P-83 Center plate, 2-fol 2P-84 Center plate, 2-fol 2P-84	en cancelled/disconnectentsibility to connect closi of the contacts. Loop condition and breaks. Function of Fand "T" delay 150ms put. Good marking possibility to 27 kA002107G1 of 27 kA002107G1 of 27 kA002111G1 of 27 kA002111G1 of 27 kA000630G1 of 27 kA000631G1 of 27 kA000893G1 of 27 kA000893G1 of 27 kA000891G1	ed the LED ng and itrols itself n selectors /2,5 sec. ibilities. dc. 101: 1/10 1/10 1/10 1/10 1/10 1/10 1/10		
anthracite	during alarm. Whe lits constantly. Po opening potential against short circ "M" memory ON/O Potential free out Operating voltage Current consumpi 70 mA ac / 40 mA Jussi, includes inst Control Unit, 1-loc FEH1001 Control Unit, 2-loc FEH1002 Control Unit, 1-loc FEH101 Impressivo, center Center plate, 1-fol 1P-84 Center plate, 1-fol 1P-83 Center plate, 2-fol 2P-84 Center plate, 2-fol	en cancelled/disconnectentsibility to connect closi of the contacts. Loop condition and breaks. Function of Fand "T" delay 150ms put. Good marking possibility to 27 kA002107G1 of 27 kA002107G1 of 27 kA002111G1 of 27 kA002111G1 of 27 kA000630G1 of 27 kA000631G1 of 27 kA000893G1 of 27 kA000893G1 of 27 kA000891G1	ed the LED ng and itrols itself n selectors /2,5 sec. iibilities. dc. 101: 1/10 1/10 1/10 1/10 1/10 1/10 1/10		

Product	Article-No.	Order-No.	Pack/Qty
	which flashes during constantly. Cancellin When a push button terminal, the device from a distance or connect closing and Loop controls itself Function selector "Noutput. Operating vourput. Operating vourpent consumptio	of, but has a bigger signalarm. When cancelled and signalarm when cancelled disconnected could be cancelled disconness and several points. Por opening potential freagainst short circuits 1" memory ON/OFF. Poltage: 15 - 28 V ac / 1 in 110 mA ac / 60 mA circuits / 28 dB / 2,3 kHz / 30circuits	ed, it lits its own input to this sconnected essibility to the contacts. and breaks. otential free 8 - 35 V dc. dc. Sound
	Jussi, includes inse	rt and center plate	,
	Alarm Unit, 1-loop FEH2001	2TKA002112G1	1/10
	Impressivo, center p	olate	
	Center plate, Signal	light	
white	V-84	2TKA003461G1	1/10
anthracite	Center plate, Signal V-81	2TKA003459G1	1/10
aluminium	Center plate, Signal V-83	light 2TKA003460G1	1/10
	function. Good mark Operating voltage 9 Current consumptio	,5 - 28 V ac / 9,5 - 35 V n: 20 mA ac / 10 mA d -current / -power: 30	dc. c.
	Jussi, includes inse	rt and center plate	
	Signal Push Button, FAP2001	1-fold 2TKA002095G1	1/10
	Impressivo, center ¡	olate	
white	Center plate, 1-fold 1P-84	2TKA000632G1	1/10
anthracite	Center plate, 1-fold 1P-81	2TKA000630G1	1/10
aluminium	Center plate, 1-fold	2TK 4000621C1	1/10

aluminium

1P-83

Signal

Product	Article-No.	Order-No.	Pack/Qty
	to the Signal Pus	con with Cord on with Cord correspo h Button FAP2001. Ler rs and the red Cord in 8	ngth of the white
	Jussi, includes i	nsert and center plate	

	Jussi, includes insert and center plate			
	Signal Push Button with Cord			
	FAP3002	2TKA002098G1	1/10	
	FAP3002.PU	2TKA00003391	1/10	
	Impressivo, center p	late		
	Center plate, 2-fold			
white	2P-84	2TKA000893G1	1/10	
	Center plate, 2-fold			
anthracite	2P-81	2TKA000891G1	1/10	
	Center plate, 2-fold			
aluminium	2P-83	2TKA000892G1	1/10	



Signal Push Button with Stereo Plug Terminal

Signal Push Button with LED. Additional plug for 6.3 mm Jack connector (FAP9001). Adressed / non-adressed function. Good marking possibilities. Operating voltage: 9,5-28 Vac / 9,5-35 Vdc. Current consumption: 20 mA ac / 10 mA dc. Switching voltage / -current / -power: 30 Vac/35 Vdc / 100 mA ac/dc / 3 VA/W.

Jussi, includes insert and center plate

	Jussi, includes insert and center plate			
	Signal Push Button with Stereo Plug Terminal			
	FAP3011	2TKA002103G1	1/10	
	Impressivo, center plate			
	Center plate, Push button/telecom socket outlet			
white	PT-84	2TKA003208G1	1/10	
	Center plate, Push button/telecom socket outlet			
anthracite	PT-81	2TKA003206G1	1/10	
	Center plate, Push button/telecom socket outlet			
aluminium	PT-83 2TKA003207G1 1/10			

Product	Article-No.	Order-No.	Pack/Qty



Stereo Plug Terminal

Stereo Plug Terminal is used for 6.3 mm Jack connector (stereo). It can be used in calling and alarm systems as a socket outlet for connecting the Wire Push Button FAP9001, or as a headphone or loudspeaker terminal. Good marking possibilities.

Jussi, includes insert and center plate Stereo Plug Terminal for 6,3mm Jack Plug			
Stereo Plug Terminal for 6,3mm Jack Plug			
	Stereo Plug Terminal for 6,3mm Jack Plug		
FOT3103 2TKA002180G1 1/1	.0		
Impressivo, center plate			
Center plate, Telecom socket outlet			
white T-84 2TKA003321G1 1/1	.0		
Center plate, Telecom socket outlet			
anthracite T-81 2TKA003319G1 1/1	.0		
Center plate, Telecom socket outlet			
aluminium T-83 2TKA003320G1 1/1	.0		



Wire Push Button

Push Button with $6.3~\mathrm{mm}$ Jack plug (stereo). Closing contact. Lenght $2\mathrm{m}$.

Wire Push Button with 6,3mm Jack Plug		
FAP9001	2TKA002105G1	1/10



Button / Buzzer

A device including a push button as well as a buzzer. The LED of the push button and the buzzer operates in parallel. The buzzer can be cancelled with the push button. In alarm position the LED flickers. When cancelled it lits constantly till the alarm goes off. Good marking possibilities on the push button and the name plate. Operating voltage 9,5 - 28 Vac / 9,5 - 35 Vdc. Current consumption: 45 mA ac / 35 mA dc. Load capacity of the switch: 42 Vac / 60 Vdc, 250 mA ac/dc, 6 VA / 4 W.

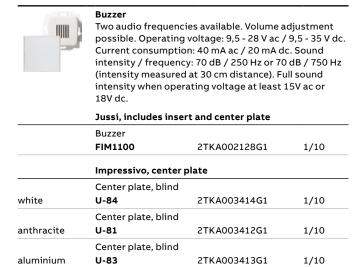
Jussi	, includes	insert	and	center	plate

	Button / Buzzer		
	FIP1001	2TKA002144G1	1/10
	Impressivo, center p	olate	
	Center plate, 1-fold		
white	1P-84	2TKA000632G1	1/10
	Center plate, 1-fold		
anthracite	1P-81	2TKA000630G1	1/10
	Center plate, 1-fold		
aluminium	1P-83	2TKA000631G1	1/10

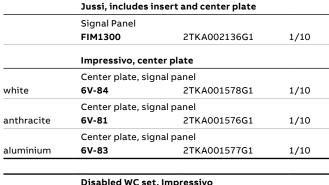
Signalling Devices

Product	Article-No.	Order-No.	Pack/Qty
HIRE	Operating voltag	signal light. Opal lense. ge of LED's: 9,5 - 28 V ac / otion: 60 mA ac / 30 mA d	•
	Jussi, includes ir	nsert and center plate	
	Signal Light		
red	FIM1000	2TKA002120G1	1/10

yellow	FIM1010	2TKA002123G1	1/10
green	Signal Light FIM1020	2TKA002125G1	1/10
white	Signal Light FIM1030	2TKA002127G1	1/10
	Impressivo, center plate		
Center plate, Signal light			
white	V-84	2TKA003461G1	1/10
	Center plate, Sign	nal light	
anthracite	V-81	2TKA003459G1	1/10
	Center plate, Sign	nal light	
aluminium	V-83	2TKA003460G1	1/10



Product	Article-No.	Order-No.	Pack/Qty
ann ann	sound. Opera current consu intensity / fre	th flashing LED light and inte ting voltage: 9,5 - 28 V ac / 9, mption: 60 mA ac / 30 mA do quency: 78 dB / 2,3 kHz (inte 10 cm distance). Sound disco	,5 - 35 V dc. c. Sound ensity
	Jussi, include	s insert and center plate	
yellow	Alarm Unit FIM1210	2TKA002135G1	1/10
red	Alarm Unit FIM1200	2TKA002131G1	1/10
	Impressivo, c	enter plate	
	Center plate,	Signal light	
white	V-84	2TKA003461G1	1/10
	Center plate,	Signal light	
anthracite	V-81	2TKA003459G1	1/10
	Center plate,	Signal light	
aluminium	V-83	2TKA003460G1	1/10
	calling and ala Good marking	l as an 3/6 points alarm rece irm systems. With 6 red LED' possibilities. tage: 12 - 24 V ac/dc.	• .





Signalling Devices

Product	Article-No.	Order-No.	Pack/Qty		
	Unit FEH1001, with monitors leakage of pairs or other leak the device. Memor output. Cancelling Operating voltage Current consumpt	nit operates as the stand th the exception that the current (10 μA). Tape se age sensors could be co y/no memory function. button with LED. : 9,5 - 28 V ac / 9,5 - 35 V ion: 75 mA ac / 40 mA d ies on the button and n	loop nsors, conduit onnected to Potential free / dc. c. Good		
	Jussi, includes ins	Jussi, includes insert and center plate			
	Leak Guard FEH2100	2TKA002115G1	1/10		
	Impressivo, cente	Impressivo, center plate			
white	Center plate, 1-fold	d 2TKA000632G1	1/10		
anthracite	Center plate, 1-fold	d 2TKA000630G1	1/10		
aluminium	Center plate, 1-fold	d 2TKA000631G1	1/10		



Mains Relay

With mains relay Jussi leak guard can control 230 V ac magnetic valves.. Controlled by low voltage potential free contact (e.g. switches, push buttons, potential free contacts or alarm panels). Separate transformer not needed. Loading capacity: 10 A / 230 V ac. Fluorescent light load max 300 VA.

	needed. Loading capacity: 10 A / 230 V ac. Fluorescen light load max 300 VA.				
	Jussi, includes insert and center plate				
	Mains Relay				
	FIR1000	2TKA002152G1	1/10		
	Impressivo, center p	olate			
	Center plate, blind		·		
white	U-84	2TKA003414G1	1/10		
	Center plate, blind				
anthracite	U-81	2TKA003412G1	1/10		
	Center plate, blind				
aluminium	U-83	2TKA003413G1	1/10		



Tape Sensors

Self adhesive Leak Guard sensor. Wires connected to sensor by soldering.

Tape Sensor, ler	nght 2 m	
FLA2100.02	2TKA002164G1	1/10
Tape sensor, ler	nght 50 m	
FLA2100.50	2TKA002166G1	1

Office Signal

Product	Article-No.	Order-No.	Pack/Qty	
	Impressivo, Doo	r Panel		
	The Door Panel can be installed either surface or			
	flush-mounted on top of a 1- or 2-gang mounting box.			
	Compatible with Table Panel FIP2000-8x.			
	Operating voltag	je: 15 - 28 V ac.		
	Current consump	otion: 75 mA (max).		
	Door Panel for of	fice signal system		
white	FIO2000-84	2TKA002142G1	1/10	



Impressivo Table Panel

The Table Panel can be used for controlling the signal lights of Door Panel FIO2000-xx. It also includes a freely adaptable Push Button and Switch, which can be integrated into an existing emergency or assistant call system using the Adapter Relay FIR2000. 2 meters connecting wire. Operating voltage: 15 - 28 V ac.

	Table Panel for of	fice signal system	
white	FIP2000-84	2TKA002148G1	1/10



Table Panel Terminal

Table Panel is connected to a RJ12 terminal. The yellow light could be controlled automatically. FOR2000 could be used in both analog and digital telephone systems. FOT2000 is used in digital telephone systems or when the automatic control of the yellow light is not used.

	Jussi, includes ir	nsert and center plate					
	Table Panel Term	Table Panel Terminal					
	FOT2000	2TKA002177G1	1/10				
	Impressivo, cent	er plate					
	Center plate, 2 x	RJ45, dust covers					
white	1819DC-84	2TKA00001111	1/10				



Adapter Relay

The Adapter Relay is used to integrate the Office Signal System with calling- or alarm systems. Operating voltage 15 - 28 V ac.

	Jussi, includes inse	rt and center plate	
	Adapter Relay		
	FIR2000	2TKA002155G1	1/10
	Impressivo, center ¡	olate	
	Center plate, blind		
white	U-84	2TKA003414G1	1/10
	Center plate, blind		
anthracite	U-81	2TKA003412G1	1/10
	Center plate, blind		
aluminium	U-83	2TKA003413G1	1/10

LED lights

Product Article-No	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty



Signal light inserts LED signal light inserts for 230V supply. Center plates V-81, V-83 and V-84 fit to the inserts. There are screw terminals for max 2,5mm² wires. Not extendable.

	Modular			
	Signal light insert, Led 230V/25mA			
white	2661.09	2TKA000875G1	1/10	
	Signal light inse	rt, Led 230V/25mA		
red	2661.02	2TKA000874G1	1/10	
	Center plate, Signal light			
white	V-84	2TKA003461G1	1/10	
	Center plate, Sig	gnal light		
anthracite	V-81	2TKA003459G1	1/10	
	Center plate, Signal light			
aluminium	V-83	2TKA003460G1	1/10	

Accessories

Product	Article-No.	Order-No.	Pack/Qty
434	switches and pu	g socket outlets, Euro sock sh switches. Not suitable et outlet inserts. Inserts v	for 2-gang
	Claws for socket	outlets and swithces 2TKA001721G1	10/100
		rocker frames, IP44 rocker frame is used with	the scale
UU	switches and pu	reach IP44 protection class sh switches. Furthermore the switch frame to the in	ss on , it can be
	switches and pur used to connect	reach IP44 protection class sh switches. Furthermore the switch frame to the in	ss on , it can be
	switches and pusused to connect screws for impro	reach IP44 protection class sh switches. Furthermore the switch frame to the in	ss on , it can be usert with
	switches and pur used to connect screws for impro Modular Supporting fram 2474	reach IP44 protection classh switches. Furthermore the switch frame to the inved security. The for 1/3-gang rocker, sci	ss on , it can be esert with rew fastening 20/200
	switches and pur used to connect screws for impro Modular Supporting fram 2474 Supporting fram	reach IP44 protection classh switches. Furthermore the switch frame to the inved security. The for 1/3-gang rocker, screen and the switch frame to the inved security. The for 1/3-gang rocker, screen are for 2-gang	es on , it can be esert with rew fastening 20/200 v fastening



screwmounted rocker frames are IP44.

2463	2TKA000002G1	20/200



Seal 100mm for 2-gang socket outlet, IP44

2-gang socket outlet inserts installed with the seal and a center plate with hinged lids are IP44. Switches, push buttons and 1-gang socket outlets with a hinged lid are also IP44, when using the seal with adaptor 2519-xx. Screw mounted rocker frame must be used to reach IP44 protection class.

2464	2TKA000003G1	20/200



Blind center plate, 85mm

85mm blind center plate can be used to cover an empty box. It can be used together with 85mm flush- and surface mounting frames. Flush mounting: On a smooth surface IP21, on a rough surface IP20 (seal can't be used). When installed on surface with 2456.26 and 172xS85-xx, protection class is IP44.

white	2538-84	2TKA000856G1	1/10
anthracite	2538-81	2TKA000852G1	1/10
aluminium	2538-83	2TKA000854G1	1/10



Blind center plate, 100mm

100mm blind center plate can be used to cover an empty box. Can be used together with 100mm flushand surface mounting frames. Flush mounting: On a smooth surface IP21, on a rough surface IP20 (seal can't be used). When istalled on surface the protection class is IP44 if wires are installed downwards.

white	2538-100-84	2TKA000848G1	1/10
anthracite	2538-100-81	2TKA000846G1	1/10
aluminium	2538-100-83	2TKA000847G1	1/10

Product	Article-No.	Order-No.	Pack/Qty



Adapter 85/100mm, IP21/IP44

1-gang center plated accessories can be mounted in 100mm cover frames with the adapter. Final IP class of installation is defined by the accessories.

white	2519-84	2TKA000808G1	1/20
anthracite	2519-81	2TKA000804G1	1/20
aluminium	2519-83	2TKA000806G1	1/20



PJ4.10

Labeling plate

Labeling plate for cover frames. Size of text area is max 12 x 52 mm.

	2752	2TKA00000053	10/100
THE THE PERSON	Impulse spring Impulse spring	for ABB switches, 10 pcs in	sales pack

2TKA00003056

10/100

Frames

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
			7 3-7				, 4(0)
	1-gang Flush mounting of Suitable for both Standard installa using seal 2463 in	cover frames 85mm, IP2: cover frames for 1-gang of horizontal and vertical in tion is IP21 on smooth so installation is IP21 on roun installation is defined by to 1/IP44).	devices. nstallation. urface. When gh surface.		1-gang Flush mounting c as double socket switches, can be i Suitable for both Standard installar using seal 2463 ir	over frames 100mm, IP2 over frames for 2-gang coutlets. Also 1-gang devinstalled using adapter 2 horizontal and vertical intion is IP21 on smooth sustallation is IP21 on rough	devices, such ices, such as 1519-xx. nstallation. urface. When gh surface.
white	1721F85-84	2TKA000287G1	1/10		center plate (IP21	stallation is defined by t /IP44).	ne useu
anthracite	1721F85-81	2TKA000283G1	1/10	white	1721F100-84	2TKA000279G1	1/10
aluminium	1721F85-83	2TKA000285G1	1/10	anthracite	1721F100-81	2TKA000275G1	1/10
				aluminium	1721F100-83	2TKA000277G1	1/10
	Flush mounting of 2-gang	cover frames 85mm, IP21	L/IP44				,
	2-gang				Flush mounting o 2-gang	over frames 85mm, IP21	L/IP44
white	1722F85-84	2TKA000337G1	1/5				
anthracite	1722F85-81	2TKA000333G1	1/5	1.5	1-00-100 01	07// 00000000	4 /5
aluminium	1722F85-83	2TKA000335G1	1/5	white	1722F100-84	2TKA000329G1	1/5
				anthracite	1722F100-81	2TKA000325G1	1/5
-	Flush mounting	cover frames 85mm, IP21	L/IP44	aluminium	1722F100-83	2TKA000327G1	1/5
white	3-gang 1723F85-84	2TKA000376G1	1/5		Flush mounting c 3-gang	over frames 85mm, IP21	L/IP44
anthracite	1723F85-81	2TKA000372G1	1/5				
aluminium	1723F85-83	2TKA000374G1	1/5	white	1723F100-84	2TKA000369G1	1/5
		,		anthracite	1723F100-81	2TKA000365G1	1/5
	Flush mounting	cover frames 85mm, IP2	L/IP44	aluminium	1723F100-83	2TKA000367G1	1/5
E	4-gang	2TV 4000 400 C1	1/5		Flush mounting o 4-gang	over frames 85mm, IP21	L/IP44
white	1724F85-84	2TKA000409G1	1/5				
anthracite aluminium	1724F85-81 1724F85-83	2TKA000407G1	1/5	white	1724F100-84	2TKA000405G1	1/5
aiummum	1724F05-03	2TKA000408G1	1/5	anthracite	1724F100-81	2TKA000403G1	1/5
	Flush mounting	cover frames 85mm, IP21	I /ID44	aluminium	1724F100-83	2TKA000404G1	1/5
white	5-gang	2TKA000434G1	1/5		Flush mounting o 5-gang	over frames 85mm, IP21	L/IP44
anthracite aluminium	1725F85-81 1725F85-83	2TKA000432G1 2TKA000433G1	1/5	white	1725F100-84	2TKA000430G1	1/5
aiuiiiiiiiiiiiii	1152503-03	£1RAUUU433G1	1/5	anthracite	1725F100-81	2TKA000428G1	1/5

aluminium

1725F100-83

2TKA000429G1

1/5

Impressivo - surface mounting

Switches and push switches IP21

Product	Article-No.	Order-No.	Pack/Qty



1-gang switches

Switch with screwless terminals and lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards.

16AX/250V, 2 X-terminals

1-gang 2-way switch

white	1066A-84	2TKA00001601	1/10	
anthracite	1066A-81	2TKA00001602	1/10	
aluminium	1066A-83	2TKA00001603	1/10	
1-gang intermediate switch				
white	1067A-84	2TKA00001846	1/10	
anthracite	1067A-81	2TKA00001847	1/10	
aluminium	1067A-83	2TKA00001848	1/10	



2-gang switches

Switch with screwless terminals, no lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards.

16AX/250V, 2 X-terminals

2-gang 1-way switch

white	1065A-84	2TKA00001598	1/10
anthracite	1065A-81	2TKA00001599	1/10
aluminium	1065A-83	2TKA00001600	1/10
	2-gang 2-way sw	vitch	
white	10666A-84	2TKA00001843	1/10
anthracite	10666A-81	2TKA00001844	1/10
aluminium	10666A-83	2TKA00001845	1/10



3-gang switch

Switch with screwless terminals, no lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards.

16AX/250V, 2 X-terminals

white	10631A-84	2TKA00001849	1/10
anthracite	10631A-81	2TKA00001850	1/10
aluminium	10631A-83	2TKA00001851	1/10



2-pole switch

Switch with screwless terminals and lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards.

16AX/250V, 2 X-terminals

white 1062A-84 2TKA00001840 1/10



1-gang push switch

Push switch with screwless terminals and lamp possibility. Rocker with clip-on fastening. Delivered with clear lens. IP21 when the wires are installed downwards.

10A/250V, 2 X-terminals

white	1461A-84	2TKA00001604	1/10
anthracite	1461A-81	2TKA00001605	1/10
aluminium	1461A-83	2TKA00001606	1/10

Socket outlets IP21

Product	Article-No.	Order-No.	Pack/Qty



4-gang Schuko socket outlet, IP21

The device is based on two 2-gang socket outlet inserts, which are internally connected. The socket outlet inserts have shutters. There are screwless terminals for each contact of the socket outlet insert for max 4 rigid wires. No X-terminals. IP21 when the wires are installed downwards.

white	404EA-84	2TKA00001613	1/20
anthracite	404EA-81	2TKA00001614	1/20
aluminium	404EA-83	2TKA00001615	1/20



2-gang Schuko socket outlet, IP21

Screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters. IP21 when the wires are installed downwards.

white	402EA-84	2TKA00001607	1/10
anthracite	402EA-81	2TKA00001608	1/10
aluminium	402EA-83	2TKA00001609	1/10



2-gang Schuko socket outlet, surface mounting, IP44

Product includes Schuko socket outlet insert, center plate with lid, surface mountig cover frame and box. The socket outlet insert has shutters and screwless terminals, branching terminals.

anthracite	302ESW-81	2TKA00001754	1/10



2-gang Schuko outlets with special colour, IP21

Screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters. IP21 when the wires are installed downwards. These socket outlets can be used, for instance, in hospitals and offices, when there is a need to limit socket outlet use to certain applications.

red	402EA-02	2TKA00002966	1/10
orange	402EA-03	2TKA00002967	1/10
green	402EA-05	2TKA00002968	1/10
blue	402EA-06	2TKA00002969	1/10



2-gang Schuko socket outlet, lath installation, IP21 Schuko 2-gang socket outlet for lath installation. There are screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket

white	402EL-84	2TKA00002273	1/10
anthracite	402EL-81	2TKA00002274	1/10
aluminium	402EL-83	2TKA00002275	1/10

outlet insert has shutters.



2-gang Schuko socket outlet, corner installation, IP21

Schuko 2-gang socket outlet for corner installation. There are screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters.

white	402EE-84	2TKA00001610	1/20
anthracite	402EE-81	2TKA00001611	1/20
aluminium	402EE-83	2TKA00001612	1/20

Impressivo - surface mounting

Boxes and accessories

Product	Article-No.	Order-No.	Pack/Qty
TATE A	Surface mountin antenna and dat max. 26 mm. Lar	ng box 85mm, IP21 g box for 1-gang devices a outlet and others, inser ge devices such as dimme ery includes bottom plate	t height ers doesn't fit
white	1721A-84	2TKA00001616	1/10
anthracite	1721A-81	2TKA00001617	1/10
aluminium	1721A-83	2TKA00001618	1/10
	Lath installation	box 85mm, IP21 box for 1-gang devices so	
		ae devices such as dimm	•

	in the box. Delivery includes bottom plate and cover.		
white	1721L-84	2TKA00002276	1/10
anthracite	1721L-81	2TKA00002277	1/10
aluminium	1721L-83	2TKA00002278	1/10



Corner installation box 85mm, IP21

Surface mounting box for 2 devices, also for electronic devices. Horizontal or vertical installation in corners.
Use with 85mm 2-gang cover frame.

white	1722H-84	2TKA00002279	1/20
anthracite	1722H-81	2TKA00002280	1/20
aluminium	1722H-83	2TKA00002281	1/20



Surface mounting bottom plate, IP21/IP44

Surface mounting bottom plate for flush mounted products, insert height max. 26mm. To be combined with 85mm and 100mm surface mounting cover frames 172xS85-xx and 172xS100-xx. Socket outlets are IP44 when using center plates with hinged lid. Switches and push switches are IP44 when combined with screw fastening rocker. Wires must be installed downwards for IP44 protection class. Dimmers do not fit in the box.

2456.26 2TKA000769G1 10/100



DCL lamp outlet for mounting boxes

The DCL outlet can be installed on standard wall mounting boxes (screw distance c/c 60 mm). It is safe and easy to use for the end consumer, as they can snap-in the DCL plug in the socket. The outlet is typically installed on wall but can also be installed in ceiling.

85x85mm

white	AKK6-84	2TKA00000934	10/100
anthracite	AKK6-81	2TKA00000936	10/100
aluminium	AKK6-83	2TKA00000935	10/100

Product	Article-No.	Order-No.	Pack/Qty
	High surface mo	unting boxes 80mm, II	P20
The second second second			



Surface mounting boxes for high 1-gang devices, such as dimmers, insert height max. 40 mm. Suitable for both horizontal and vertical installation. Delivery includes box and cover frame. h=54mm

	1-gang		
white	1721580-84	2TKA00000993	1/10
anthracite	1721580-81	2TKA00000991	1/10
aluminium	1721580-83	2TKA00000992	1/10
	2-gang		
white	1722580-84	2TKA00000996	1/5
anthracite	1722580-81	2TKA00000994	1/5
aluminium	1722580-83	2TKA00000995	1/5
	3-gang		
white	1723580-84	2TKA00000999	1/10
anthracite	1723580-81	2TKA00000997	1/10
aluminium	1723580-83	2TKA00000998	1/10

Impressivo – surface mounting

Cover frames

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	1-gang Surface mounting such as switches horizontal and vesurface mounting the frame. Wires protection class.	g cover frames 85mm, IP g cover frames for 1-gang and socket outlets. Suita rtical installation. To be of g box 2456.26. Dimmers of must be installed downw. Final IP class of installation or plate (IP21/IP44).	g devices, able for both used with do not fit in ards for IP44		1-gang Surface mounting such as double so be installed using both horizontal a with surface mou installed downwa IP class of installa plate (IP21/IP44)	g cover frames 100mm, g cover frames for 2-gam g the adaptor 2519-xx. Su and vertical installation. T unting box 2456.26. Wires ards for IP44 protection of ation is defined by the us	g devices, g devices can litable for To be used s must be class. Final
white	1721S85-84	2TKA000302G1	1/50		h=40mm		
anthracite	1721585-81	2TKA000298G1	1/50	white	17215100-84	2TKA000295G1	1/50
aluminium	1721S85-83	2TKA000300G1	1/50	anthracite	17215100-81	2TKA000291G1	1/50
		1		aluminium	17215100-83	2TKA000293G1	1/50
					2-gang		
white	1722585-84	2TKA000347G1	1/25				
anthracite	1722585-81	2TKA000344G1	1/25	white	17225100-84	2TKA000342G1	1/25
aluminium	1722585-83	2TKA000345G1	1/25	anthracite	17225100-81	2TKA000340G1	1/25
				aluminium	17225100-83	2TKA000341G1	1/25
	Surface mountin 3-gang	g cover frames 85mm, IF	21/IP44		Surface mountin 3-gang	g cover frames 100mm,	IP21/IP44
white	1723S85-84	2TKA000385G1	1/25				
anthracite	1723S85-81	2TKA000383G1	1/25	white	1723S100-84	2TKA000381G1	1/25
aluminium	1723585-83	2TKA000384G1	1/25	anthracite	1723S100-81	2TKA000379G1	1/25
				aluminium	1723S100-83	2TKA000380G1	1/25
	Surface mountin 4-gang	g cover frames 85mm, IP	21/IP44		Surface mountin 4-gang	g cover frames 100mm,	IP21/IP44
white	1724S85-84	2TKA000417G1	1/25	white	17245100-84	2TKA000413G1	1/20
anthracite	1724S85-81	2TKA000415G1	1/25	anthracite	17245100-84	2TKA000413G1	1/20
aluminium	1724S85-83	2TKA000416G1	1/25	untill acite	T. 543100-01	FILMOODHIIGI	1/20

KNX

Product	Article-No.	Order-No.	Pack/Qty
All plane (E	buttons (1-, 2-, 4-fc	erating elements such a old), motion detectors, othe ABB i-bus® KNX sy	room
	6120/12-101-500	2TKA00000219	1/10
	KNX 6120/12-101-5 labelling sheet with delivery. Support o colour concept yell orange=RTC, mage	Itifunction push button 500. With labelling field on standard symbols inci f KNX functions throug ow=lighting, blue=blind onta=scene and white=r or standard illumination luded.	, transparent luded in Ih innovative Id, neutral/no
white	6125/02-84-500	2TKA00000271	1/10
anthracite	6125/02-81-500	2TKA00000266	1/10
aluminium	6125/02-83-500	2TKA00000269	1/10
. = .	KNX 6120/12-101-5 labelling sheet with delivery. Support o colour concept yell orange=RTC, mage	tifunction push button 500. With labelling field n standard symbols inc f KNX functions throug ow=lighting, blue=blind enta=scene and white=r or standard illuminatio	, transparent luded in h innovative d, neutral/no
	cover plate not inc		
white	6126/02-84-500	2TKA00000311	1/10
white anthracite	•	2TKA00000311 2TKA00000297	1/10 1/10



Switch sensor, 4/8-gang

Flush mounted multifunction push button for ABB i-bus KNX 6120/12-101-500. With labelling field, transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Cover plate not included.

white	6127/02-84-500	2TKA00000327	1/10	
anthracite	6127/02-81-500	2TKA00000323	1/10	
aluminium	6127/02-83-500	2TKA00000325	1/10	



Switch sensor, 3/6-gang with IR-receiver

Flush mounted multifunction push button with IR-receiver for ABB i-bus KNX 6120/12-101-500. With labelling field, transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept yellow-lighting, blue-blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Cover plate not included. Controlling with the IR remote control 6010-25.

white	6129/01-84-500	2TKA00000246	1/10
anthracite	6129/01-81-500	2TKA00000242	1/10
aluminium	6129/01-83-500	2TKA00000244	1/10

Product	Article-No.	Order-No.	Pack/Qty



IR remote control

Infrared hand-held transmitter. Network-independent remote control for infrared receiver and KNX flushmounted infrared interface (10 consumers switchable in 2 groups, 1-5/6-10, programming and selection of 2 MEMO memories per address group). Supply: 4 alkaline manganese batteries, IEC LR03 (not included in scope of supply) Range: frontal, approx. 15 m.

6010-25 2TKA001017G1 1



Control element, 2/4gang,

with RTC multi-function/colour concept

For ABB i-bus® KNX bus coupler 6120/12-101-500, 6120/13-500. Support of KNX functions through innovative colour concept (yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green.

Rocker switch left/right (switching/dimming/blind/value sender/light scenes/fan function). Master/slave configuration. With base-load operation. The controller is a constant room temperature controller for ventilator convectors (fan coils) in 2-pipe and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in auto-matic mode. Transparent labelling sheet with standard symbols included in delivery. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts left/right, also for selecting setpoint and mode of operation. Display elements: LCD showing operation mode and temperature. Protection class (Device): IP20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm.

grey metallic	6128/28-803-500	2TKA00003208	1/10
white	6128/28-84-500	2TKA00003206	1/10
anthracite	6128/28-81-500	2TKA00003204	1/10
aluminium	6128/28-83-500	2TKA00003205	1/10



Movement detector, with manual operation

Flush mounted sensor with Comfort II multi-lens. For ABB i-bus KNX 6120/12-101-500. Movement detector with up to 4 channels. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.) Cover plate not included.

white	6122/02-84-500	2TKA00000233	1/10
anthracite	6122/02-81-500	2TKA00000229	1/10
aluminium	6122/02-83-500	2TKA00000231	1/10

KNX

Product Artic	icle-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty



1-, 2- and 4-gang switch sensors with bus coupler 1-, 2- and 4-gang standard switch sensor that includes bus coupler. LED for displaying the output. 2 LEDs on each button. Cover plate not included.

	1-gang pushbuttor	ne .	
	1-gailg pushbutton	15	
white	6125/01-84-500	2TKA00000262	1/10
anthracite	6125/01-81-500	2TKA00000257	1/10
aluminium	6125/01-83-500	2TKA00000260	1/10
	2-gang pushbuttor	ıs	
white	6126/01-84-500	2TKA00000293	1/10
anthracite	6126/01-81-500	2TKA00000284	1/10
aluminium	6126/01-83-500	2TKA00000288	1/10
	4-gang pushbuttor	ns	
white	6127/01-84-500	2TKA00000319	1/10
anthracite	6127/01-81-500	2TKA00000315	1/10
aluminium	6127/01-83-500	2TKA00000317	1/10



Busch-Watchdog ® 180 Sensor Standard, Select with integrated bus coupler, FM

Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated KNX bus coupler.

white	6122/10-84-500	2TKA00003199	1/10
anthracite	6122/10-81-500	2TKA00003197	1/10
aluminium	6122/10-83-500	2TKA00003198	1/10

KNX

Product	Article-No.	Order-No.	Pack/Qty
	coupler Support of KNX f concept yellow = magenta = scene assigned) or stal	upling 2gang with integra functions through innova lighting, blue = blind, ora and white = neutral/no f ndard illumination red/gr The bus can be connecte	tive color inge = RTC, unction een. With
	Push-button cou 6108/06-500	pling 2gang 2TKA00003193	1/10
	Rocker 1gang		
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10



Push-button coupling 4gang with integrated bus coupler

Support of KNX functions through innovative color concept yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. With middle position. The bus can be connected via enclosed terminal block.

	Push-button coupling 4gang			
	6108/07-500	2TKA00003194	1/10	
	Rocker 2gang left/right			
white	SR-2-84	2TKA00002779	1/10	
anthracite	SR-2-81	2TKA00002777	1/10	
aluminium	SR-2-83	2TKA00002778	1/10	



Room thermostat, heating/cooling operation
Control element with room thermostat function for triggering the heating, ventilation and fancoil actuators. For controlling commercially available va

triggering the heating, ventilation and fancoil actuators. For controlling commercially available valve drives. With display of set-value temperature. Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block.

	Room thermostat	2TKA00003196	1/10	
	Thermostat center plate			
white	CP-RTC-84	2TKA00002784	1/10	
anthracite	CP-RTC-81	2TKA00002782	1/10	
aluminium	CP-RTC-83	2TKA00002783	1/10	



Room Temperature Controller, Commercial, FM

Room thermostat without "local operation" incl. insert for centre plate for cooling element. For controlling commercially available valve drives. Can only be used with a cover plate 2114-xxx or 6541-xxx, with the exception of 6541-20. -21.-260 and -266. For control of up to 5-level ventilation actuators Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block.

	Flush-mounted room thermostat		
	6108/08-500	2TKA00003007	1/10
	Center plate with cooling element		
white	6541-84	2TKA001459G1	1/10
anthracite	6541-81 2TKA001457G1 1/10		
aluminium	6541-83	2TKA001458G1	1/10

Product	Article-No.	Order-No.	Pack/Qty



Busch-Watchdog ® 180 Sensor Standard, Select with integrated bus coupler, FM

Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated KNX bus coupler.

white	6122/10-84-500	2TKA00003199	1/10
anthracite	6122/10-81-500	2TKA00003197	1/10
aluminium	6122/10-83-500	2TKA00003198	1/10



Push-button coupling 2gang with integrated bus coupler

Support of KNX functions through innovative color concept yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. With middle position. The bus can be connected via enclosed terminal block.

	Push-button coup	ling 2-gang	
	6108/06-500	2TKA00003193	1/10
	Rocker 1-gang		
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10
	Rocker 1-gang "li	ghting" symbol	
white	SRL-1-84		1/10
anthracite	SRL-1-81		1/10
aluminium	SRL-1-83		1/10
	Rocker 1-gang "so	cene" symbol	
white	SRS-1-84		1/10
anthracite	SRS-1-81		1/10
aluminium	SRS-1-83		1/10
	Rocker 1-gang "d	imming" symbol	
white	SRD-1-84		1/10
anthracite	SRD-1-81		1/10
aluminium	SRD-1-83		1/10
	Rocker 1-gang "b	linds" symbol	
white	SRB-1-84		1/10
anthracite	SRB-1-81		1/10
aluminium	SRB-1-83		1/10

KNX

Product	Article-No.	Order-No.	Pack/Qty		
	coupler Support of KNX f	upling 4gang with integra	tive color		
	magenta = scene assigned) or star	concept yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. With middle position. The bus can be connected via enclosed terminal block.			
	Push-button cou 6108/07-500	pling 4-gang 2TKA00003194	1/10		
	Rocker 2-gang le	eft/right			
white	SR-2-84	2TKA00002779	1/10		
anthracite	SR-2-81	2TKA00002777	1/10		
aluminium	SR-2-83	2TKA00002778	1/10		
	Daakar 2 man a III	i alatin all accorde al laft			
white	SRL-2-L-84	ighting" symbol left	1/10		
anthracite	SRL-2-L-81		1/10		
aluminium	SRL-2-L-83		1/10		
aiuiiiiiiiiiiiiii	3KL-2-L-03		1/10		
		scene" symbol left			
white	SRS-2-L-84		1/10		
anthracite	SRS-2-L-81		1/10		
aluminium	SRS-2-L-83		1/10		
	Rocker 2-gang "o	dimming" symbol left			
white	SRD-2-L-84		1/10		
anthracite	SRD-2-L-81		1/10		
aluminium	SRD-2-L-83		1/10		
	Rocker 2-gang "l	ighting" symbol right			
white	SRL-2-R-84		1/10		
anthracite	SRL-2-R-81		1/10		
aluminium	SRL-2-R-83		1/10		
	Rocker 2-gang "s	scene" symbol right			
white	SRS-2-R-84		1/10		
anthracite	SRS-2-R-81		1/10		
aluminium	SRS-2-R-83		1/10		
	Rocker 2-gang "o	dimming" symbol right			
white	SRD-2-R-84		1/10		
anthracite	SRD-2-R-81		1/10		
aluminium	SRD-2-R-83		1/10		
	Rocker 2-gang "l	olinde" symbol			
white	SRB-2-84	Jimas symbol	1/10		
anthracite	SRB-2-81		1/10		
aluminium	SRB-2-83		1/10		
	3KD-E-03		1/10		

Product	Article-No.	Order-No.	Pack/Qty



Busch-Watchdog ® 180 Sensor Standard, Select with integrated bus coupler, FM

Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated KNX bus coupler.

white	6122/10-84-500	2TKA00003199	1/10
anthracite	6122/10-81-500	2TKA00003197	1/10
aluminium	6122/10-83-500	2TKA00003198	1/10



Room thermostat, heating/cooling operation Control element with room thermostat function for triggering the heating, ventilation and fancoil actuators. For controlling commercially available valve drives. With display of set-value temperature. Master/

slave configuration. With base-load operation. The bus can be connected via enclosed terminal block.

	Room thermostat 6108/18-500	2TKA00003196	1/10
	Thermostat center plate		
white	CP-RTC-84	2TKA00002784	1/10
anthracite	CP-RTC-81	2TKA00002782	1/10
aluminium	CP-RTC-83	2TKA00002783	1/10

Impressivo

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Product	Article-No.	Order-No.	Pack/Qty	
Oct 12	Fast diagnosis of readiness and e	ne power supply with integr due to LED display for oper errors. Module width 4 MW. 40mA 30/230V DIN.	ational	
	PS-M-64.1.1	2TKA00002701	1/10	
(राहारा	System Access Point For commissioning and remote control of the ABB-free@home® system. Allows the execution of astro and time programs.			
	Connector port	System access point 230V	WL	
	Connector port	System access point 230V	WL 1/10	
	•			

Product	Article-No.	Order-No.	Pack/Qty
	1gang Sensor unit and d	ifferent rockers	
	Sensor unit 1-gan	g 2TKA00002717	1/10
	Sensor unit 1-gan	g WL	1/10
	Rocker 1-gang		
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10



2-gangSensor unit and different rockers. Both sides of the rocker are ordered separately.

	Sensor unit 2-gar SU-F-2.0.1	ng 2TKA00002719	1/10		
	Sensor unit 2-gar	ng WL			
	SU-F-2.0.1-WL		1/10		
	Rocker 2-gang left/right				
white	SR-2-84	2TKA00002779	1/10		
anthracite	SR-2-81	2TKA00002777	1/10		
aluminium	SR-2-83	2TKA00002778	1/10		



Switch actuator sensor Insert and different rockers

	Switch actuator sensor 1/1-gang			
	SSA-F-1.1.1	2TKA00002796	1/10	
	Switch actuator	sensor 1/1-gang WL		
	SSA-F-1.1.1-WL	1/10		
	Rocker 1-gang			
white	SR-1-84	2TKA00002776	1/10	
anthracite	SR-1-81	2TKA00002774	1/10	
aluminium SR-1-83 2TKA00002775				

Pack/Qty

Impressivo

ABB-free@home

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.
		sensor 2/2-gang and different re er are ordered separately				
		sensor 2/1-gang				
	SSA-F-2.1.1	2TKA00002797	1/10			
	Switch actuator SSA-F-2.1.1-WL	sensor 2/1-gang WL	1/10			
		sensor 2/2-gang				
	SSA-F-2.2.1	2TKA00002798	1/10			
	Switch actuator	sensor 2/2-gang WL				
	SSA-F-2.2.1-WL		1/10			
	Rocker 2-gang l	eft/right				
white	SR-2-84	2TKA00002779	1/10			
anthracite	SR-2-81	2TKA00002777	1/10			
aluminium	SR-2-83	2TKA00002778	1/10			
n n	Labeling plate Labeling plate co	over plates. a is (12 x 52)mm.				
	2752	2TKA00000053	10/100			

Impressivo

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Product	Article-No.	Order-No.	Pack/Qty
	1-gang rockers v	vith icon	
*			
	Rocker 1-gang "l	ighting" symbol	
white	SRL-1-84		1/10
anthracite	SRL-1-81		1/10
aluminium	SRL-1-83		1/10
	Rocker 1-gang "l	olinds" symbol	
white	SRB-1-84		1/10
anthracite	SRB-1-81		1/10
aluminium	SRB-1-83		1/10
	Rocker 1-gang "s	scene" symbol	
white	SRS-1-84		1/10
anthracite	SRS-1-81		1/10
aluminium	SRS-1-83		1/10
	Rocker 1-gang "o	dimming" symbol	
white	SRD-1-84		1/10
anthracite	SRD-1-81		1/10
aluminium	SRD-1-83		1/10

Product	Article-No.	Order-No.	Pack/Qty
*	2-gang rockers v	with icon	
	Rocker 2-gang "	ighting" symbol left	
white	SRL-2-L-84		1/10
anthracite	SRL-2-L-81		1/10
aluminium	SRL-2-L-83		1/10
	Rocker 2-gang "	scene" symbol left	
white	SRS-2-L-84		1/10
anthracite	SRS-2-L-81		1/10
aluminium	SRS-2-L-83		1/10
	Rocker 2-gang "	dimming" symbol left	
white	SRD-2-L-84		1/10
anthracite	SRD-2-L-81		1/10
aluminium	SRD-2-L-83		1/10
	Rocker 2-gang "	ighting" symbol right	
white	SRL-2-R-84		1/10
anthracite	SRL-2-R-81		1/10
aluminium	SRL-2-R-83		1/10
	Rocker 2-gang "	scene" symbol right	
white	SRS-2-R-84		1/10
anthracite	SRS-2-R-81		1/10
aluminium	SRS-2-R-83		1/10
	Rocker 2-gang "	dimming" symbol righ	t
white	SRD-2-R-84		1/10
anthracite	SRD-2-R-81		1/10
aluminium	SRD-2-R-83		1/10
	Rocker 2-gang "	olinds" symbol	
white	SRB-2-84		1/10
anthracite	SRB-2-81		1/10
aluminium	SRB-2-83		1/10

Impressivo

ABB-free@home

Product	Article-No.	Order-No.	Pack/Qty
iiii	controlling LEDs lamps, low-volta electronic transf halogen lamps. F Increasing the m possible. The out combination. Out	or 4gang iversal dimming actuator, incandescent lamps, 230 ge halogen lamps with coormers, and dimmable er or dimmable retrofit LED aximum load via channel cputs can be switched pa tputs automatically record addition, the operating	O V halogen onventional or nergy-saving lamps (LEDi). bridging rallel in any gnise the gmode can be
	Universal dimme	5 5	
	DA-M-0.4.2	2TKA00002715	1
	Compensator		
	6596	2TKA00002992	1



Dim actuator sensor

For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available also without prior programming (pre-configured).

	Dimmer 1/1-gang SDA-F-1.1.1	2TKA00002800	1/10
	Dimmer 1/1-gang W SDA-F-1.1.1-WL	/L	1/10
	Rocker 1-gang		
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10
	Compensator		
	6596	2TKA00002992	1
	Dimmer 2/1-gang		
	SDA-F-2.1.1	2TKA00002801	1/10
	Dimmer 2/1-gang W	/L	
	SDA-F-2.1.1-WL		1/10
	Rocker 2-gang left/	'right	
white	SR-2-84	2TKA00002779	1/10
anthracite	SR-2-81	2TKA00002777	1/10
aluminium	SR-2-83	2TKA00002778	1/10

Product	Article-No.	Order-No.	Pack/Qty



Movement detector

For automatic switching of ABB-free@home® actuators dependent on movement and brightness.

white	MD-F-1.0.1-84	2TKA00002773	1/10
anthracite	MD-F-1.0.1-81	2TKA00002771	1/10
aluminium	MD-F-1.0.1-83	2TKA00002772	1/10



Movement detector/switch actuator

For automatic switching of ABB-free@home® actuators dependent on movement and brightness.
With integrated switch actuator. Switching function is available also without prior programming (pre-configured).

white	MSA-F-1.1.1-84	2TKA00002805	1/10
anthracite	MSA-F-1.1.1-81	2TKA00002803	1/10
aluminium	MSA-F-1.1.1-83	2TKA00002804	1/10

Pack/Qty

Article-No.

Order-No.

Product

Impressivo

ABB-free@home

Product	Article-No.	Order-No.	Pack/Qty
	function for cont actuating drives (continuous cont HA-M-0.12.1. Wit Only to be used i	ure controller with room temperature conclining commercially avaitor analogue actuating drict collers) in connection with display of set-value temen combination with ABB-fre controller cover plates	lable ives h HA-M-0.6.1, nperature. free@home®
	Room thermosta	t insert	
	RTC-F-1	2TKA00002780	1/10
	Thermostat inse RTC-F-1-WL	rt WL	1/10
	Thermostat inse RTC-F-2.1.1-WL	rt 1-gang WL	1/10
	DP4-T-1	2TKA00003293	1/10
	DP4-1-611	2TKA00003291	1/10
	Flush-mounted i	nstallation box for 4,3" To	uch panel
	DP4-F	2TKA00003295	1/10
	Thermostat cent	ter plate	
white	CP-RTC-84	2TKA00002784	1/10
anthracite	CP-RTC-81	2TKA00002782	1/10
aluminium	CP-RTC-83	2TKA00002783	1/10
	Thermostat cove	er plate fan coil controlle	r
white	CP-FCC-84	2TKA00003234	1/10
anthracite	CP-FCC-81	2TKA00003232	1/10
aluminium	CP-FCC-83	2TKA00003233	1/10
	4,3" Touch Panel	free@home Thermostat	
anthracite	DP4-1-625	2TKA00003292	1/10
4000000	Diana antionation of		



Blind actuator sensor

For controlling blind and awning motors. With integrated blind actuator. Blind function is available also without prior programming (pre-configured).

Blind actuator sen	sor 1/1-gang 2TKA00002806	1/10
	sor 1/1-gang WL	1/10
<u> </u>	sor 2/1-gang	1,10
SBA-F-2.1.1	2TKA00003051	1/10
Blind actuator sen	sor 2/1-gang WL	
SBA-F-2.1.1-WL		1/10
Rocker 1-gang		
SR-1-84	2TKA00002776	1/10
SR-1-81	2TKA00002774	1/10
SR-1-83	2TKA00002775	1/10
Rocker 1-gang "bl	inds" symbol	
SRB-1-84		1/10
SRB-1-81		1/10
SRB-1-83		1/10
	SBA-F-1.1.1 Blind actuator sen SBA-F-1.1.1-WL Blind actuator sen SBA-F-2.1.1 Blind actuator sen SBA-F-2.1.1-WL Rocker 1-gang SR-1-84 SR-1-83 Rocker 1-gang "bl SRB-1-84 SRB-1-81	Blind actuator sensor 1/1-gang WL SBA-F-1.1.1-WL Blind actuator sensor 2/1-gang SBA-F-2.1.1 2TKA00003051 Blind actuator sensor 2/1-gang WL SBA-F-2.1.1-WL Rocker 1-gang SR-1-84 2TKA00002776 SR-1-81 2TKA00002775 SR-1-83 2TKA00002775 Rocker 1-gang "blinds" symbol SRB-1-84 SRB-1-81

Swing[®]L

Understated beauty

A modest combination of colours and white. A modern square design. A compelling offer of light switches and socket outlets for your daring reconstruction plans. Easy fitting thanks to their flat installation depth. Find fun in the functional.

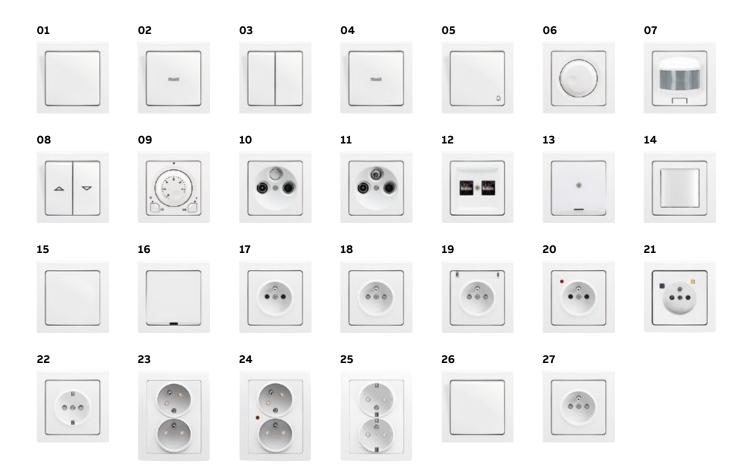


- 01 white/white
- 02 white/light grey
- 03 ivory/ivory
- 04 white/creamy
- 05 white/mocca
- 06 white/brick colour



Ideal for blocks of flats and refurbishment projects, due to the small installation depth

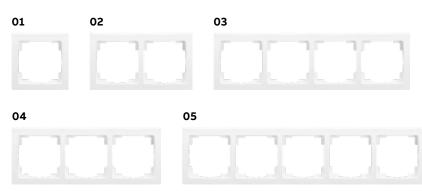
Selected functions.



- 01 Rocker switch 1-gang
- 02 Rocker switch 1-gang, with indication or orientation neon lamp
- 03 Rocker switch 2-gang
- 04 Push switch 1-gang, with indication or orientation neon lamp
- 05 Push switch with bell symbol
- 06 Dimmer with rotary control
- 07 Flush-mounted movement detector
- 08 Push switch / blind control switch
- 09 Thermostat with rotary temperature setting

- 10 Antenna socket for TV / radio
- 11 Antenna socket for TV / radio / satellite
- 12 Data communication outlet 2-gang
- 13 Telephone connection unit
- 14 Illumination LED unit
- 15 Blank cover
- 16 Cable outlet
- 17 Socket outlet with earthing pin
- 18 Socket outlet with earthing pin, shuttered
- 19 Socket outlet with earthing pin, shuttered, with labelling field

- 20 Socket outlet with earthing pin, with surge protection
- 21 Safety socket with earthing pin, with built-in RCD, with shutters
- 22 SCHUKO® socket outlet
- 23 Double socket outlet with earth. pins
- 24 Double socket outlet with earthing pins, with surge protection
- 25 Double SCHUKO® socket outlet
- 26 IP 44 rocker switch, 1-gang
- $\,$ 27 $\,$ IP 44 socket outlet with earth. pins



1- to 5-gang cover frame for horizontal and vertical installation

- 01 85 mm x 85 mm
- 02 85 mm x 156 mm
- 03 85 mm x 227 mm
- 04 85 mm x 298 mm
- 05 85 mm x 369 mm



For more information about light switch ranges visit ABB global web sites.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qt
	Rocker switch m With optional illu Screw-type term Fixation via scre 10 AX, 250 V AC	inals.)		Rocker push-swi with N terminal illu With optional illu Screw-type term Fixation via screv 10 A, 250 V AC	ımination. inals.	-way,
		3557-A01440	20			3557-A91440	20
The neon lamp a	nd LED are not part o	f the switch – see page 11/384		1) The neon lamp a	and LED are not part o	f the switch – see page 11/384.	
	Rocker switch m With optional illu Screw-type term Fixation via scre 10 AX, 250 V AC	inals.)		Rocker For switches 1g1 For 1g1w push-s	.w, 1g2w, intermediate. witch.	
		3557-A06440	20	white		3557G-A00651 B1	20
The neon lamp a	nd LED are not part o	f the switch – see page 11/384		ivory		3557G-A00651 C2	20
	Rocker switch m With optional illu Screw-type term Fixation via scre 10 AX, 250 V AC	inals.		٥	Rocker with doo For 1g1w push-s	•	
		3557-A07440	20	white		3557G-A00680 B1	20
The neon lamp a	nd LED are not part o	f the switch – see page 11/384		ivory		3557G-A00680 C2	20
	Rocker switch m Screw-type term Fixation via scre 10 AX, 250 V AC		ay 1)		Rocker with ligh For 1g1w push-s		
		3557-A02442	20	white		3557G-A00690 B1	20
he neon lamp a	nd LED are not part o	f the switch – see page 11/384		ivory		3557G-A00690 C2	20
	Rocker switch m With optional illu Screw-type term Fixation via scre 10 AX, 250 V AC	inals.)		Rocker divided For switches 2g1	.w, 2g2w.	
		3557-A05440	20	white		3557G-A00652 B1	20
The neon lamp a	nd LED are not part o	f the switch – see page 11/384		ivory		3557G-A00652 C2	20
	Rocker switch m Screw-type term Fixation via scre 10 AX, 250 V AC				1g1w DP with ori neon lamp.	w, 1g2w, intermediate, entation or indication witch with orientation	

or indication neon lamp.

3557G-A00653 B1

3557G-A00653 C2

20



Rocker push-switch mechanism, 1-gang 1-way ¹⁾ With optional illumination.
Screw-type terminals.
Fixation via screws or claws.
10 A, 250 V AC

3557-A52440

3557-A80440 20

20

white

ivory

¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	·	with transparent lens with orientation neon I	amp.
000			
white		3557G-A00654 B	1 20
ivory		3557G-A00654 C	2 20

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	•	nmer ¹) ²) ³) ⁴) ⁵) ⁶) ⑺	
- C	Flush-mounted,	•	
		rol, two-way switch and	
F COLOR	5	n (neutral conductor no	' '
N. C.		mming of retrofit LED la	
		trofit-LEDs (LEDi). For	
	•	EDi) with conventional c	
		r incandescent lamps, 2	•
	J 1 /	ow-voltage halogen lam	•
		electronic transformers	and dimmable
	energy-saving ha		
	•	LEDi with conventional	•
		adjustable between lea	iding edge
	control and traili		
		y MOSFET transistors.	
		hort-circuit protection.	
		verload protection.	
	•	minimum brightness.	
	Without cover pla		
		30 V~, + 10% / - 10%	
	Rated frequency:	-	
	•	2 - 100 W/VA (retrofit LE	•
	•	10 - 250 W/VA (non-LED	loads).
	Protection class	•	
		ge (Device): 0 °C to 35 °	CIEC 60669-2-1,
	British Standard	EN 60669-2-1	



Busch-rotary dimmer 1) 2) 3) 4) 5) 6) 7) UP, LED, 2-400 W

6523 U-102-500

Very small installation depth: < 20 mm Without claws.

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.

2CKA006512A0335

1/10

Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum/maximum brightness.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

Without cover plate.

Rated voltage: 230 V~, + 10% / - 10%

Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control)

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6523 UR-103-500 2CKA006512A0345 1

 $^{^{1)}}$ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. $^{2)}$ In the case of conventional transformers, take ~20% transformer loss into account.

³⁾ In case of electronic transformers, 5 % transformer losses.

 $^{^{\}mbox{\tiny 4)}}\mbox{Also applicable}$ for 1gang 2way installations.

⁵⁾ Provided with terminal for net disconnection devices.

⁶ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁷⁾ Recommendation: Please use loads and types of one producer.

Dimmers

Product Article-No. Order-No. Pack/Qty



Rotary control dimmer insert with switch-on at minimal brightness level 9

With cover plate fastening nut.

For 🕸 also for certain 230 V AC compact fluorescent lamps with screw cap (energy saving lamps), designed for dimming (using leading-edge phase control). min. 60 W, max. 400 W for vacuum and halogen lamps, 230 V AC

min. 10 W, max. 80 W for dimmable compact fluorescent lamps, 230 V AC

2200 U-503

6514-0-0111

9) At ambient temperature higher than 35 °C the load must be reduced by approx.



Rotary control dimmer insert with ON/OFF soft-catch

For 🛱 also for certain 230 V AC compact fluorescent lamps with screw cap (energy saving lamps), designed for dimming (using the leading-edge phase control). Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible).

min. 60 W, max. 600 W for vacuum and halogen lamps, 230 V AC

min. 10 W, max. 100 W for dimmable compact fluorescent lamps, 230 V AC

2250 U

6515-0-0704

- 9) At ambient temperature higher than 35 °C the load must be reduced by approx.
- $^{13)}$ A neon lamp can be used for orientation illumination (more detailed information is given in switch range chapters).



Rotary control dimmer insert with ON/OFF soft-catch

For 🌣 💵 11); also for certain compact fluorescent lamps for 230 V AC with screw cap (energy saving lamps), designed for dimming (using the leading-edge phase

Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible).

min. 20 W/V·A, max. 500 W/V·A, for 230 V or ELV lamps,

min. 5 W, max. 100 W for dimmable compact fluorescent lamps, 230 V AC

2247 U

6512-0-0057

- 9) At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.
- 11) With conventional transformers, take ~20 % transformer losses into account.
- (3) A neon lamp can be used for orientation illumination
- (more detailed information is given in switch range chapters).



Rotary control dimmer insert with ON/OFF soft-catch

Short-circuit and overload electronic protection. Minimum brightness setting option.

Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible).

min. 200 W/V·A, max. 700 W/V·A, 230 V AC

6520 U-500

6520-0-0227

- With conventional transformers, take ~20 % transformer losses into account.
- 13) A neon lamp can be used for orientation illumination

(more detailed information is given in switch range chapters).

Product Article-No. Order-No. Pack/Qty



Rotary control dimmer insert with switch-on at minimal brightness level, combined with ON/OFF soft-catch 9) 13)

For \$ 110 11)

The switching part of the insert can be combined with 1g2w or 1g2w/intermediate switches. The dimmed output is independent on the switch. Switch: 6 A; dimmer: min. 60 W/V·A, max. 400 W/V·A, 230 V AC

6517 U-101-500

6517-0-0018

- 9) At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.
- 11) With conventional transformers, take ~20 % transformer losses into account.
- 13) A neon lamp can be used for orientation illumination
- (more detailed information is given in switch range chapters).



Rotary control dimmer insert with ON/OFF soft-catch

Short-circuit and overload electronic protection.

For 🗘 🗷 🕸 12)

Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible).

min. 40 W/V·A, max. 420 W/V·A, 230 V AC

6513 U-102

6513-0-0568

- 9) At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.
- 11) With conventional transformers, take ~20 % transformer losses into account.
- 12) With electronic transformers, take 5 % transformer losses into account. $^{13)}$ A neon lamp can be used for orientation illumination
- (more detailed information is given in switch range chapters).



Electronic potentiometer insert for 1 -10 V electronics ballasts, for rotary control and switch-on at minimal brightness level

For ===== or for LED control via electronic ballast with 1 - 10 V interface.

Max. control current: 50 mA DC

Potential-free contact for switching the ballast power supply. It is recommended to use a relay for more than

4 A ($\cos \varphi = 0.9$), 3 A ($\cos \varphi = 0.5$) 700 W/V·A, 230 V AC, 50/60 Hz

2112 U-101

6599-0-2035

⁹⁾ At ambient temperature higher than 35 °C the load must be reduced by approx.

Pack/Qty

Swing®L

Dimmers

Movement detectors

Article-No.

	_
The same of the sa	
(F (D) 4	
0	

Article-No.

Product

DALI Power-potentiometer insert, with rotary control and ON/OFF push operation

Order-No.

For central switching and dimming up to 64 DALI devices in accordance with EN 62386. Increased brightness sensitivity setting at slow rotation. Integrated orientation LED illumination (18 colour presets or OFF).

Short-circuit and overload electronic protection. DALI cable length: max. 300 m (cores' cross section 1.5 to 2.5 mm²).

The brightness level when switched on by brief pressing: the same as it was when last used or preselectable. The brightness level when the power supply is restored after power failure: switched off status or pre-selectable (if supported by the DALI device). In active mode the insert serves as a DALI power supply (15.5 V DC / 75 mA) for up to 37 DALI devices (or for up to 111 DALI devices with 3 power-potentiometers in parallel connection).

In passive mode the insert behaves as an additional control unit.

Parallel interconnection of power-potentiometers: up to 3 pcs in active mode or up to 5 pcs in passive mode. The insert is not suitable for combination with other DALI sensors.

Power consumption: max. 2.5 W 4-wire connection in active mode, 2-wire connection in passive mode 230 V AC. 50/60 Hz

2117/11 U-500 6599-0-2988 1



DALI potentiometer insert, with rotary control and ON/OFF push operation

For central switching and dimming up to 64 DALI devices in accordance with EN 62386.

Increased brightness sensitivity setting at slow rotation. Integrated orientation LED illumination (18 colour presets or OFF). An additional DALI power supply is needed (e.g. by Tridonic, Philips, Helvar, or the DALI power-potentiometer 6599-0-2988).

Current consumption: 7 - 15 mA

The insert is polarity-reversal proof.

DALI cable length: max. 300 m

(cores' cross section 1.5 to 2.5 mm²)

The brightness level when switched on by brief pressing: the same as it was when last used or pre-selectable.

The brightness level when the power supply is restored after power failure: switched off status or preselectable (if supported by the DALI device). Up to fi ve potentiometers may be connected in parallel.

The insert is not suitable for combination with other DALI sensors.

2-wire connection

2117 U-500 6599-0-2987 1



Cover plate for rotary dimmer ¹⁶⁾ With fastening nut.

With two types of button (for 6514-0-0111 and other devices).

white	3294G-A00125 B1	5
ivory	3294G-A00125 C2	5/1

¹⁶⁾ Cover illumination with neon lamp or LED is not possible.



Product

Pack/Qty

Switch insert for movement detector

Switching element: relay Operating temperature: -10 °C to +55 °C 2 300 W for \circlearrowleft , 1 750 V-A for \blacksquare \boxdot \blacksquare \circlearrowleft , 500 V-A / 64 μ F pro \blacksquare \blacksquare \blacksquare \blacksquare

For easy connection, terminal N is doubled. 3-wire connection, 230 VAC

3299U-A00006

Order-No.

1

 40 Also for example, for compact 230 V AC lamps (so-called CFL bulbs) or luminaires with LED.



Switch insert for movement detector

Switching element: 2 relays (relay 2 switches on about 3 min after relay 1 switches on, independently of external lighting; relay 2 switches off about 5 min after relay 1)

Operating temperature: -10 °C to +55 °C Max. 3 A (cos ϕ > 0,8) ⁴⁴⁾ One spare fuse is inserted in the fuse box. 4-wire connection, 230 VAC

3299U-A00005

1

⁴⁴⁾ Also for example, for compact 230 V AC lamps (so-called CFL bulbs) or luminaires with LED.



Switch insert for movement detector

Switching element: triac

5 s before switching off the brightness is reduced Operating temperature: −10 °C to +55 °C 40 - 300 W pro ❖

One spare fuse is inserted in the fuse box. 2-wire connection, 230 V AC

3299U-A00001

³⁶⁾ Parallel connection of devices is not allowed. Can not be used for non-ohmic loads (control coils, fluorescent relays, LEDs, etc.).



Movement detector

Detection angle: approx. 180°
Adjustable values (on the back of the cover): lighting threshold (1 - 1000 lx); sensitivity; switch-off delay (5 sec - 10 min, or 15 / 30 / 45 / 60 min by pressing integrated button)
Operating temperature: -10 °C to +55 °C
Need to be used together with a switch insert for movement detector.

white	3299G-A02180 B1	1
ivory	3299G-A02180 C2	1

Blind control

Product	Article-No.	Order-No.	Pack/Qty
4574	Blind rocker swit	tch mechanism ³⁾	
(633)	1-gang 1-way sw	itch	

3557-A89440

20





Blind rocker switch mechanism ³⁾
1-gang 1-way push-switch
10 A, 250 V AC
Screwless terminals.
Fixation via screws or claws.

Screwless terminals. Fixation via screws or claws.

	3557-A88440	20	
3) A ED			

3) A neon lamp or LED cannot be used.



Blind switch rocker with markings For 2g1w blind switch with interlock.

For 2g1w blind switch with interlock. For 2g1w blind push-switch with interlock.

white	3557G-A00662 B1	20
ivory	3557G-A00662 C2	20

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet w Screw-type term Fixation via scre		ered
	16 A, 250 V AC		

white	5518G-A02459 B1	10
ivory	5518G-A02459 C2	10



Socket outlet with earthing pin Screw-type terminals. Fixation via screws or claws. 16 A, 250 V AC

white	5518G-A02449 B1	10
ivory	5518G-A02449 C2	10



Socket outlet with earthing pin, shuttered, with labelling field Screw-type terminals. Fixation via screws or claws.

IP 40 16 A, 250 V AC

white	5518G-A02452 B1	10
vory	5518G-A02452 C2	10/1



Double socket outlet with earthing pins, shuttered, semifl ush-mounted
Screw-type terminals.
Fixation via screws only.
16 A, 250 V AC

5512J-C02259 B1 10

5513J-C02357 B1R3

10/1



Double socket outlet with earthing pins, shuttered, with turned upper cavity Screwless terminals. Fixation via screws only. IP 40

16 A, 250 V AC

white 5513J-C02357 B1 10 white / creamy 5513J-C02357 B1C1 10/1 white / ivory 5513J-C02357 B1C2 10/1 white / mocca 5513J-C02357 B1C3 10/1 white / light 5513J-C02357 B1S1 10/1 grey white / brick



colour

Socket outlet with earthing pin, with surge protection
Optical fault signalling.
Screw-type terminals.
Fixation via screws only.
16 A, 230 V AC

white	5598G-A02349 B1	1
ivory	5598G-A02349 C2	1

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
		als.	
-	IP 40		
	16 A, 230 V AC		

white	5593J-C02357 B1	1
white / creamy	5593J-C02357 B1C1	1
white / ivory	5593J-C02357 B1C2	1
white / mocca	5593J-C02357 B1C3	1
white / light grey	5593J-C02357 B1S1	1
white / brick colour	5593J-C02357 B1R3	1



Safety socket with earthing pin, with built-in RCD, with shutters

Residual working current I $_{\rm an}$: 30 mA Type A, AC and pulse current sensitivity Rated current In: 16 A

Rated current in: 16 A
Rated frequency: 45-60 Hz
Trip time at 5×I_{an}: max. 30 ms
Rated short-circuit current: 3000 A

Impulse current resistance: 3,000 A, 8/20 μs Ambient temperature: -25 $^{\circ}$ C to +40 $^{\circ}$ C

Degree of protection: IP 20

Climatic resistance: in accordance with ČSN EN 61008-1

Connection cross-section: 1.5 to 2.5 mm²

Built-in depth: 32 mm

Additional sockets can be connected to terminals L $\mbox{'},\mbox{N'}$ they will also be under the control of the current

protector. Screwless terminals. 16 A, 230 V AC

white	5526G-A02369 B1	1
ivory	5526G-A02369 C1	1



Socket outlet with earthing contacts, shuttered

Screw-type terminals. Fixation via screws or claws. 16 A, 250 V AC Screwless terminals. Fixation via screws or claws. 16 A, 250 V AC

white	5520G-A03457 B1	10/1
ivory	5520G-A03457 C2	10/1



white ivory

Socket outlet with earthing contacts, shuttered

Screw-type terminals.
Fixation via screws or claws.
16 A, 250 V AC
Screw-type terminals.
Fixation via screws or claws.

16 A, 250 V AC

5518G-A03459 B1	10	
EE19C A024E9 C2	10	





Socket outlet with earthing contacts

Screw-type terminals. Fixation via screws or claws. 16 A, 250 V AC

white	5518G-A03449 B1	10
ivory	5518G-A03449 C2	10



Double socket outlet with earthing contacts,

Screw-type terminals.
Fixation via screws or claws.
16 A, 250 V AC

white	5512J-C03459 B1	10
ivory	5512J-C03459 C2	10



Adapter for Profi I 45 inserts

For fl ush mounting of any Profi l 45 device (see pages 254 - 256) into switch ranges. For the assembly it is necessary to use cover plate 5016.-A00070 .. and the cover frame from the desired switch range.

5525U-A00100 5/1



Socket outlet 45×45 with earthing pin

Only for $2 \times 1.5 \text{ mm}^2$ or $2 \times 2.5 \text{ mm}^2$ conductors. 16 A, 250 V AC

white			
(RAL 9010)	5525N-C02347 B	20	
carmine			
(RAL 3003)	5525N-C02347 R1	20	

Data connection

Product	Article-No.	Order-No.	Pack/Qty		
	Radio/TV socket outlet insert - terminal type (article number EU 3503) - loop-through type with 7 dB tap loss (article number EU 3607) - loop-through type with 10 dB tap loss (article number EU 3610) - loop-through type with 14 dB tap loss (article number EU 3614) Nominal impedance of inputs and outputs: 75 Ω For coaxial cables with a diameter of 3.6 to 6.8 m Fixation via screws or claws.				
	EU 3503	5011-A3503	1		
	EU 3610	5011-A3610	1		
	EU 3614	5011-A3614	1		



Radio/TV/SAT socket outlet insert

terminal type (article number EU 3303)

Allows passage of a current of 500 mA DC and 22 kHz tone signal for LNB power supply and control. Nominal impedance of inputs and outputs: 75 Ω For coaxial cables with a diameter of 3.6 to 6.8 mm. Fixation via screws or claws.

EU 3303 5011-A3303



Cover plate for Radio/TV/SAT socket outlet

white	5011G-A00300 B1	10	
ivory	5011G-A00300 C2	10	



Loudspeaker terminal

- black differentiation ring Cross section of connecting wires: max. 4 mm²

white	1479190-3	10/1
		-



Loudspeaker terminal

- red differentiation ring Cross section of connecting wires: max. 4 mm²

white	1479191-3	10/1





Communication Modular-Jack insert (keystone)

- 8-pole RJ 45-8 Cat. 5e (unshielded) For mounting in socket fixing plates and mounting plates (5014A-B101., 5014.-B0101., 1753-0-8055, 136811-1, 1711277-1, 5014G-A01018 .., 5014A-A02018 .., 5014H-A01018 .., 5014K-C01018).

1208.10 RJ 45-8



Data communication outlet 2gang

Connector socket cover With metal fastening bracket.

For mounting two communication sockets type Modular Jack (keystone), blind plugs or speaker terminals (max. recommended width 18.3 mm). Hole dimensions: 19.4 x 14.8 mm

white 5014G-A02018 B1 10 5014G-A02018 C1 10 ivory

Thermostats, timers

Product	Article-No.	Order-No.	Pack/Qty
ALL &	Optional connec 3292U-A90100 f	nsert for thermostats tion of external tempe or floor heating. Option	rature sensor nal connection
		remote control contac ontrol units 3292A10	` ,
	Note: In the even display goes off.	t of power failure the o	control unit
	Operating temper	erature: 0 °C to +50 °C	
	Output: potentia galvanic isolatio	ll free NO relay contact n	t with safety
	$16 \text{ A (cos } \phi = 1), 7$	230 V AC, 3-wire conne	ction



Universal thermostat with rotary temperature setting

3292U-A00003

Control unit (must be used with switching unit).
Selectable room or floor function of the thermostat.
Linear temperature setting. Indication of output status by two-colour LED. Push buttons for regulation ON/
OFF and for manual temperature reduction (with LED indication).

Operating temperature: 0 °C to +55 °C
Room thermostat with thermal feedback:
Temperature range: approx. +13 °C to +27 °C
Adjustable manual temperature reduction:
approx. 2 K to 8 K
Hysteresis: approx. ±0.25 K
Floor thermostat:
Temperature setting range: approx. +15 °C to +48 °C
Manual temperature reduction: approx. 4 K to 16 K

Hysteresis: approx. ±0.5 K
The external temperature sensor 3292U-A90100 (not included) must be connected to terminals 1 and 2 of the switching unit.

ivory 3292G-A	10101 C2	1



${\bf Floor\ heating\ temperature\ sensor}$

For thermostat with rotary temperature setting 3292.-A10101, for programmable thermostat 3292.-A10301.

Sensor element: PTC thermistor, 2 k Ω at 25 °C Cable: PVC, 4 m length Conductors: 2× 0.35 mm²

Cable head: metal, Ø 6 × 18 mm Degree of protection: IP 54

grey 3292U-A90100 1

LED light

Product	Article-No.	Order-No.	Pack/Qty



Indication and orientation LED illumination insert

Installation depth: 25 mm Screw-type terminals. Fixation via screws only. 10 mA, 230 V AC

white light	3917U-A00050	1
blue light	3917U-A00051	1
green light	3917U-A00052	1
red light	3917U-A00053	1



Cover plate for straight LED illumination or for Profi I 45 adapter

For LED illumination insert. For Profi I 45 insert adapter.

white	5016G-A00070 B1	5/1
ivory	5016G-A00070 C2	5/1

Accessories

		Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
npensator revents the self-ign aving lamps (CFL, L rientation illuminat y features of built-i	ED) in OFF state w ion is used. This e	hen ffect is caused		Neon lamp, spare For dimmer cove 0.8 mA, 230 V AC	r plates with rotary con	trol.
lumination is conne amp. The compensa vith switches 1g1w,	tor is applicable ir	the circuits	29 61	3855	6599-0-0518	10/1
onnected in parallel revents after-glow of the deal pple on the deal pple voltage or activithout neutral conconnected in parallel r to the lamp).	of extra-low-volta activated state due vation via touch-c ductor connection	e to possible dimmer . (To be		Fuse for electror slow cut-off char T1.6A/1500 (for 6		
emoves noise gene ransformers in the s					GT520216	10
ctivation via touch onductor connection primary transfor emoves ripple volta ontrol/group control devices. (To be con UP" and N conductors	on. (To be connected mer side). Iges on the contro DIs with Busch-Jake nected between c	ed in parallel to I line in blind ousiecontrol® ontrol wire		slow cut-off chair T3.15A/1500 (for	nic inserts (spare), racteristics r 6515-0-0704, 6512-0- 05, 3294U-A00130)	0057, 6517-0-
onductor). nensions: 2 × 25 mm. Length o	of wires, approx 2	25 mm			GT520231	10
V AC, 50 Hz	6599-0-2290	1		Fuse for electror slow cut-off char T6.3A/1500 (for		
entation universal i rocker switches and 9 series. range light (neon lar reen light (neon lamp ue light (neon lamp	d push-switches o np collar is blue) p collar is grey)	f 3557, 3558,		Euro for electron	GT520263	10
	3916-12221	100/10		fast cut-off char	acteristics	
	3916-12222	100/10		F2.5A/1500 (for 1	3299A121)	
	3916-12223	100/10				
9 series.		f 3557, 3558,		fast cut-off char	acteristics	10
	3916-22221	100/10				
vorcal lamp					GF520231	10
rock 9 ser ange	er switches and ries. Elight (neon lar	er switches and push-switches ories. elight (neon lamp collar is green) 3916-22221	er switches and push-switches of 3557, 3558, ries. e light (neon lamp collar is green) 3916-22221 100/10	er switches and push-switches of 3557, 3558, ries. elight (neon lamp collar is green) 3916-22221 100/10	er switches and push-switches of 3557, 3558, ries. Fuse for electror fast cut-off char F3.15A/1500 (for all lamp	er switches and push-switches of 3557, 3558, ries. Flight (neon lamp collar is green) 3916-22221 100/10 Al lamp Fuse for electronic inserts (spare), fast cut-off characteristics F3.15A/1500 (for 3299A321)

circuits with extra-low voltage (for mechanisms 3557-

1784-0-0289

1784-0-0032

100/1

100/1

A80440, 3559-A91445, 3559-A86445). 40 mA, 12 V AC (Article number: **8345-1**) 22 mA, 24 V AC (Article number: **8337-1**)

8345-1

8337-1

Accessories

Product	Article-No.	Order-No.	Pack/Qty
1.0000	Cable outlet		
	With strain relief.		L.
1	3× 1.5 mm ² - 5× 2.	i xed installation to fl exib	ie
	Terminal block is		
white		3938G-A00034 B1	5/1
ivory		3938G-A00034 C2	5/1
	Blank plate	'	
5 5	With plastic mour	nting plate.	
) (
à á			
white		3902G-A00001 B1	10
ivory		3902G-A00001 C2	10/1
1.111	Surface mounting	g box	
	For trunking distr		
		d switches and semiflush-	mounted
		tlets 5512J-C02259.	
C 100 1000	Internal depth: 26	omm ons: 85 × 85 × 28 mm	
		on of inserts included.	
white		3900J-C00001 B	10
willte		39001-C00001 B	
CONTRACTOR OF THE PARTY OF THE	Surface mounting	n hov	
	For trunking distr	-	
	•	t outlets 5513J-C02357	
	Internal depth: 26	mm	
		ons: 85 × 109 × 28 mm	
111 111 111	Screws for fi xatio	on of inserts included.	
white		3900J-C00002 B	10

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 1-gang		
white		3901J-A00010 B1	20
creamy		3901J-A00010 C1	20
ivory		3901J-A00010 C2	20
mocca		3901J-A00010 C3	20
light grey		3901J-A00010 S1	20
brick colour		3901J-A00010 R3	20

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 5-g For horizontal an	ang Id vertical installation.	
00000			
white		3901J-A00050 B1	10/1
creamy		3901J-A00050 C1	10/1
ivory		3901J-A00050 C2	10/1
mocca		3901J-A00050 C3	10/1
light grey		3901J-A00050 S1	10/1
brick colour		3901J-A00050 R3	10/1



Cover frame 2-gang
For horizontal and vertical installation.

white	3901J-A00020 B1	10	
creamy	3901J-A00020 C1	10	
ivory	3901J-A00020 C2	10	
mocca	3901J-A00020 C3	10	
light grey	3901J-A00020 S1	10	
brick colour	3901J-A00020 R3	10	

Cover frame 3-gang

For horizontal and vertical installation.

3901J-A00030 B1	10
3901J-A00030 C1	10/1
3901J-A00030 C2	10/1
3901J-A00030 C3	10/1
3901J-A00030 S1	10/1
3901J-A00030 R3	10/1
	3901J-A00030 C1 3901J-A00030 C2 3901J-A00030 C3 3901J-A00030 S1

Cover frame 4-gang

For horizontal and vertical installation.

white	3901J-A00040 B1	10
creamy	3901J-A00040 C1	10/1
ivory	3901J-A00040 C2	10/1
mocca	3901J-A00040 C3	10/1
light grey	3901J-A00040 S1	10/1
brick colour	3901J-A00040 R3	10/1

Flush mounted switches and socket outlets IP44

Product	Article-No.	Order-No.	Pack/Qty
P44	Rocker switch m Screw-type term Fixation via scre IP 44 10 AX, 250 V AC		with rocker
white		3557G-A01940 B1	10/1
ivory		3557G-A01940 C2	10/1
PH	Rocker switch m Screw-type term Fixation via scre IP 44 10 AX, 250 V AC		with rocker
white		3557G-A06940 B1	10/1
ivory		3557G-A06940 C2	10/1
PM	Screw-type term Fixation via scre IP 44 10 AX, 250 V AC		
white		3557G-A07940 B1	10/1
ivory		3557G-A07940 C2	10/1
PH	Rocker push-sw 1-gang 1-way, w Screw-type term Fixation via scre IP 44 10 A, 250 V AC	inals.	
white		3557G-A80940 B1	10/1
ivory		3557G-A80940 C2	10/1
	Socket outlet wi Screw-type term Fixation via scre IP 44 16 A, 250 V AC		ed lid ^{26) 38)}

ivory	5518G-A02989 C2	10	
white (with translucent hinged lid)	5518G-A02989 B1	10	
white with white hinged lid)	5518G-A02989 B	10	

²⁶⁾ The insert meets the specified degree of protection when mounted on a vertical,

smooth and non-porous wall.

38) The indicated degree of protection is provided only when the lid is closed.

The highlight of modular series.

Zenit is the most comprehensive modular range for all kind of homes and commercial buildings. A number of appreciated designs and beautiful finishes that add value to the facility, with advanced features that provide greater comfort and performance level. With Zenit you can make any type of installation, can enjoy benefit of technical advantages that make it easier and faster. This range has the guarantee of a brand renowned for its quality such as ABB.



Zenit

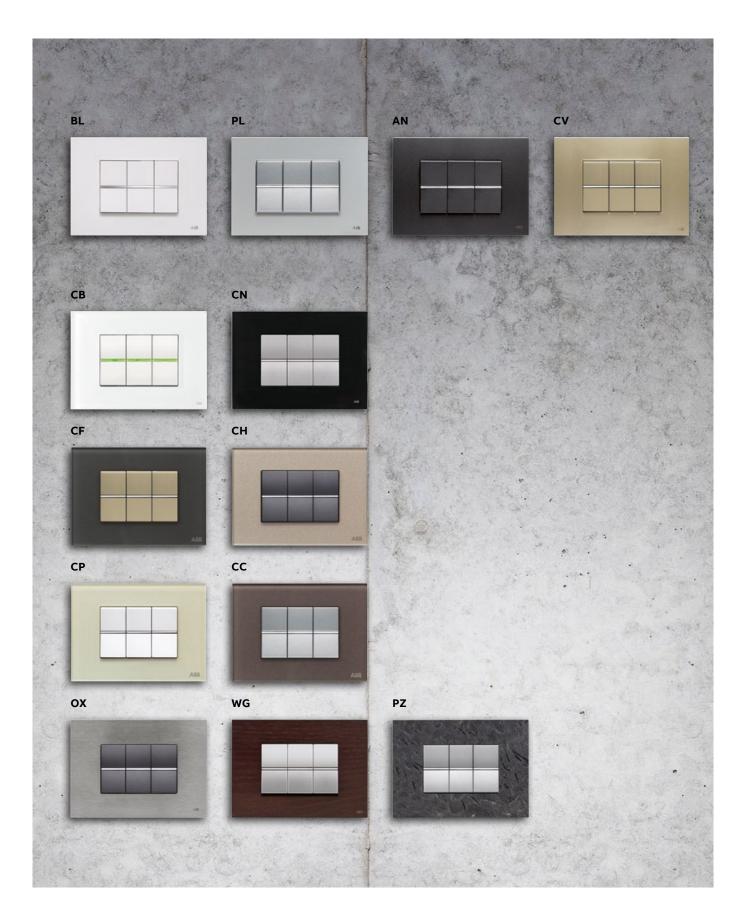
Zenit Noble BL White CB White Glass

PL Silver CN Black Glass

AN Anthracite CF Graphite Glass CV Champagne CH Champagne Glass CP Pearl Glass CC Coffee Glass **OX Stainless Steel**

WG Wenge

PZ Slate



BL White

PL Silver

AN Anthracite

CV Champagne

Zenit Noble

CB White Glass

CN Black Glass

CF Graphite Glass

CH Champagne Glass

CP Pearl Glass

CC Coffee Glass

OX Stainless Steel

WG Wenge

PZ Slate

The top in design and performance. For its aesthetics and details.

Simple, elegant, the top in design.

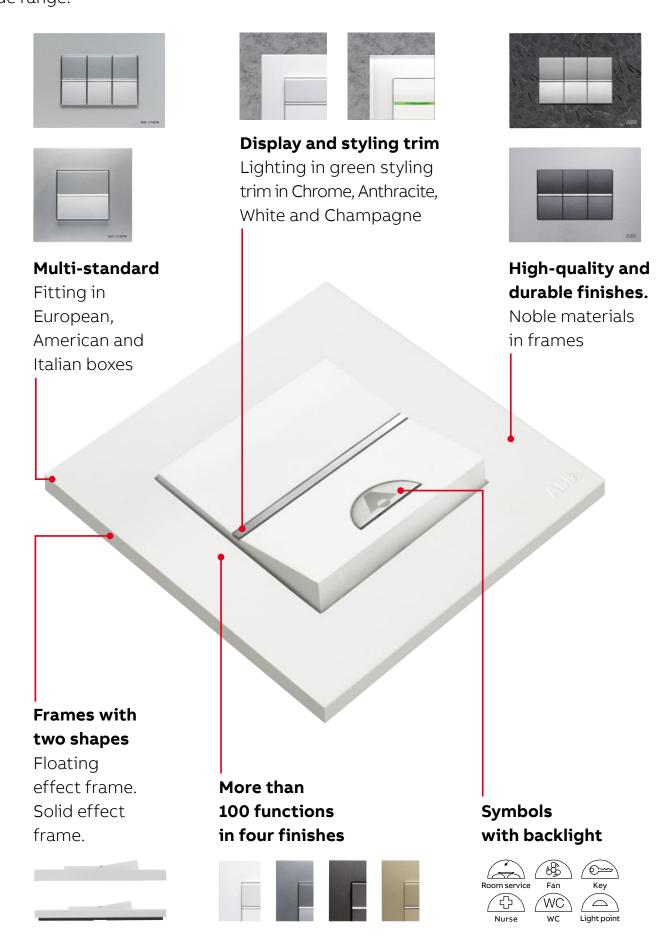
Zenit is born with a high-rise design. With rectilinear lines, very trendy finishes and full of details that enhance its aesthetics. It reaches the highest levels in quality and infinite values.



Eco-design

The Zenit switch range has been designed following the Product Design and Development Environmental Management regulations: Eco-design.

Zenit Wide range.



Zenit can be installed everywhere, in spaces that require new solutions, with new applications and all installation facilities.



Up to 40% savings

- Contacts with an automatic connection terminal providing ease and up to 40% savings in installation time.
- The Zenit rocker mechanisms are 16 A and they offer top quality with a reduced number of reference to stock.
- More robust and compact mechanisms to be inserted from the front.
- Designed to hold the switches firmly avoiding balancing problems.
- They have reduced depth, only 21 mm, which allows more connection space for wires.
- With larger press clamps and smoother to make the automatic connection more comfortable and safer.
- They have been manufactured with high quality and recyclable material.



More protection

- Children are really curious and get excited with any dangerous device available at home, especially those that are at the height of socket outlets.
- All Zenit socket outlets are equipped with shutters for child protection, protecting the live parts from electric shock.

Benefits.



More benefits

- Galvanized steel mounting plates with unique anti-corrosion treatment with top and bottom nerves for a rigid positioning of the mechanism.
- The mounting plate is supplied separately from the frame in order to create the atmosphere you want
- Zenit mechanisms are designed so they can be removed from the front.
- Galvanized steel metal mounting plate to ensure the durability of the installation.



Less consumption

- The covers are easily removed to change the lighting pilot facilitating the installation from the front.
- In Zenit we have replaced our traditional neon pilot for a LED located in the horizontal display that emits a diffused light; it looks more attractive; it consumes less energy and lasts 10 years.

Automatic connection



1. Strip the cable about 14 mm and introduce it into the terminal.

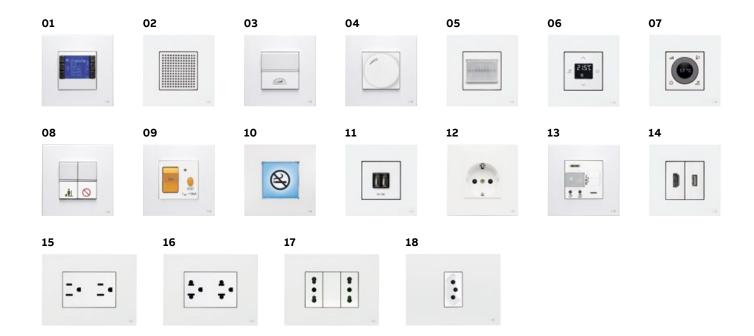


2. Press the push button and insert the cable.

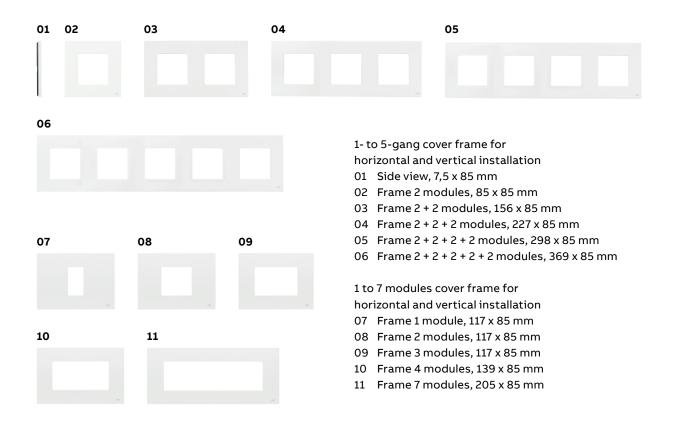


3. Release the push button and check fixation. To disconnect the cord, press again the push button on top and bottom.

Selected functions.

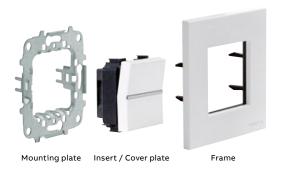


- 01 Stand-alone FM radio and alarm
- 02 Loudspeaker 2"
- 03 Universal push dimmer
- 04 LED rotary dimmer
- 05 ABB-free@home® movement detector
- 06 ABB-free@home® room thermostat
- 07 KNX room thermostat
- 08 DND/MUR switch
- 09 RCD circuit breaker
- 10 Orientation light
- 11 USB charger
- 12 SCHUKO® socket outlet
- 13 Movement detector
- 14 VDI connectors (HDMI+USB)
- 15 Nema duplex socket outlet
- 16 Euroamerican duplex socket outlet
- 17 Italian 16A socket outlet
- 18 Brazilian 20A socket outlet

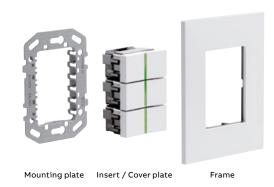


Easy and intuitive installation system.

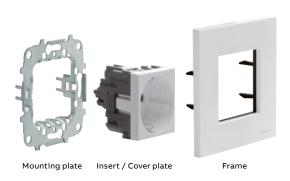
Switch composition in square box



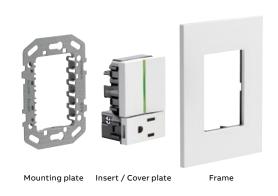
Switch composition in rectangular box



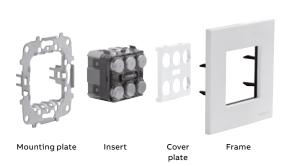
Schuko socket outlet composition in square box



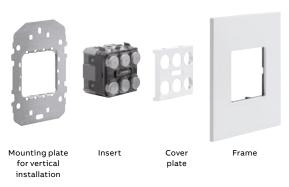
NEMA socket outlet composition in rectangular box



KNX and free@home sensor composition in square box



KNX and free@home sensor composition in rectangular box





1-way switches

2-way switches

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1 Rated voltage: 11 Rated current: 16 Screwless termin Optional: locator VD (230 Vac).	10 - 250 Vac. 5AX.	c) or N2191		Switch 1-gang, 2 Rated voltage: 11 Rated current: 16 Screwless termir Optional: locator RJ (230 Vac).	.0 - 250 Vac. SAX.	ac) or N2192
White	N2101 BL	2CLA210100N1101	20	White	N2102 BL	2CLA210200N1101	20
Silver	N2101 PL	2CLA210100N1301	20	Silver	N2102 PL	2CLA210200N1301	20
Anthracite	N2101 AN	2CLA210100N1801	20	Anthracite	N2102 AN	2CLA210200N1801	20
Champagne	N2101 CV	2CLA210100N1901	20	Champagne	N2102 CV	2CLA210200N1901	20
	Switch 1-gang, 1 Rated voltage: 11 Rated current: 16 Screwless termir Optional: locator	10 - 250 Vac. 5AX.	/ac).		Switch 1-gang, 2 Rated voltage: 11 Rated current: 16 Screwless termir Optional: locator	.0 - 250 Vac. SAX.	√ac).
White	N2801 BL	2CLA280100N1101	10	White	N2802 BL	2CLA280200N1101	10
Silver	N2801 PL	2CLA280100N1301	10	Silver	N2802 PL	2CLA280200N1301	10
Anthracite	N2801 AN	2CLA280100N1801	10	Anthracite	N2802 AN	2CLA280200N1801	10
Champagne	N2801 CV	2CLA280100N1901	10	Champagne	N2802 CV	2CLA280200N1901	10
	Switch 1-gang, 1 Rated voltage: 11 Rated current: 16 Screwless termir Optional: locator VD (230 Vac).	10 - 250 Vac. 5AX.	(ac) or N2191		Switch 1-gang, 2 Rated voltage: 11 Rated current: 16 Screwless termir Optional: locator RJ (230 Vac).	.0 - 250 Vac. SAX.	Vac) or N2192
White	N2201 BL	2CLA220100N1101	10	White	N2202 BL	2CLA220200N1101	10
Silver	N2201 PL	2CLA220100N1301	10	Silver	N2202 PL	2CLA220200N1301	10
Anthracite	N2201 AN	2CLA220100N1801	10	Anthracite	N2202 AN	2CLA220200N1801	10
Champagne	N2201 CV	2CLA220100N1901	10	Champagne	N2202 CV	2CLA220200N1901	10
	Switch 1-gang, 1 Rated voltage: 11 Rated current: 16 Screwless termin Optional: locator	10 - 250 Vac. 5AX.	/ac).		Switch 1-gang, 2 Rated voltage: 11 Rated current: 16 Screwless termir Optional: locator	.0 - 250 Vac. SAX.	√ac).
White	N2301 BL	2CLA230100N1101	10	White	N2302 BL	2CLA230200N1101	10
Silver	N2301 PL	2CLA230100N1301	10	Silver	N2302 PL	2CLA230200N1301	10
Anthracite	N2301 AN	2CLA230100N1801	10	Anthracite	N2302 AN	2CLA230200N1801	10
Champagne	N2301 CV	2CLA230100N1901	10	Champagne	N2302 CV	2CLA230200N1901	10

Intermediate switches

Double pole switches

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 16	SAX.		•	Switch 1-gang, 1 Rated voltage: 11 Rated current: 16	.0 - 250 Vac. AX.	
	Screwless termir Optional: locator RJ (230 Vac).	nais. r LED lamp N2192 NG (127 Va	ac) or N2192		Screwless termir Optional: locator RJ (230 Vac).	iais. · LED lamp N2192 NG (127 Va	ac) or N2192
White	N2110 BL	2CLA211000N1101	20	White	N2101.2 BL	2CLA210120N1101	20
Silver	N2110 PL	2CLA211000N1101	20	Silver	N2101.2 PL	2CLA210120N1301	20
Anthracite	N2110 AN	2CLA211000N1801	20	Anthracite	N2101.2 AN	2CLA210120N1801	20
Champagne	N2110 CV	2CLA211000N1901	20	Champagne	N2101.2 CV	2CLA210120N1901	20
	Switch 1-gang, intermediate, SP - 1,5 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 NG (127 Vac).			•	Switch 1-gang, 1 Rated voltage: 11 Rated current: 16 Screwless termir Optional: locator RJ (230 Vac).	.0 - 250 Vac. AX.	(ac) or N2192
White	N2810 BL	2CLA281000N1101	10	White	N2201.2 BL	2CLA220120N1101	10
Silver	N2810 PL	2CLA281000N1301	10	Silver	N2201.2 PL	2CLA220120N1301	10
Anthracite	N2810 AN	2CLA281000N1801	10	Anthracite	N2201.2 AN	2CLA220120N1801	10
Champagne	N2810 CV	2CLA281000N1901	10	Champagne	N2201.2 CV	2CLA220120N1901	10
	Rated voltage: 11 Rated current: 16 Screwless termin	SAX.	Vac) or N2192	.0	Switch 1-gang, 1 Rated voltage: 11 Rated current: 32 Screwless termin	AX.	
White	N2210 BL	2CLA221000N1101	10	White	N2201.8 BL	2CLA220180N1101	5
Silver	N2210 PL	2CLA221000N1301	10	Silver	N2201.8 PL	2CLA220180N1301	5
Anthracite	N2210 AN	2CLA221000N1801	10	Anthracite	N2201.8 AN	2CLA220180N1801	5
Champagne	N2210 CV	2CLA221000N1901	10	Champagne	N2201.8 CV	2CLA220180N1901	5
	Rated voltage: 11 Rated current: 16 Screwless termin	SAX.	Vac).		Switch 1-gang, 2 Rated voltage: 11 Rated current: 16 Screwless termin	.0 - 250 Vac. AX.	
White	N2310 BL	2CLA231000N1101	10	White	N2102.2 BL	2CLA210220N1101	5
Silver	N2310 PL	2CLA231000N1301	10	Silver	N2102.2 PL	2CLA210220N1301	5
Anthracite	N2310 AN	2CLA231000N1801	10	Anthracite	N2102.2 AN	2CLA210220N1801	5
Champagne	N2310 CV	2CLA231000N1901	10	Champagne	N2102.2 CV	2CLA210220N1901	5

Color

Article-No.

Zenit

Switches with indicator light

Color	Article-No.	Order-No.	Pack/Qty
		'	
	Switch 1-gang, 1	-way, SP - 1 M	'
	Rated voltage: 11	10 - 250 Vac.	
	Rated current: 16	SAX.	
	Screwless termin	nals.	
	•	conductor required).	
	Included: indicat	or LED lamp N2192 RJ (230 \	/ac).
White	N2101.5 BL	2CLA210150N1101	5
Silver	N2101.5 PL	2CLA210150N1301	5
Anthracite	N2101.5 AN	2CLA210150N1801	5
Champagne	N2101.5 CV	2CLA210150N1901	5
	Switch 1-gang, 1		,
	Rated voltage: 11		
	Rated current: 16	, , , ,	
	Screwless termin		
		conductor required).	
	Included: indicat	or LED lamp N2192 RJ (230 \	/ac).
White	N2201.5 BL	2CLA220150N1101	5
		201 422015011201	5
Silver	N2201.5 PL	2CLA220150N1301	5
Silver Anthracite	N2201.5 PL N2201.5 AN	2CLA220150N1301 2CLA220150N1801	5

White	N2104.5 BL	2CLA210450N1101	5	
Silver	N2104.5 PL	2CLA210450N1301	5	
Anthracite	N2104.5 AN	2CLA210450N1801	5	
Champagne	N2104.5 CV	2CLA210450N1901	5	
	•	A.	/ac).	
White	N2204.5 BL	2CLA220450N1101	5	
Silver	N2204.5 PL	2CLA220450N1301	5	
Anthracite	N2204.5 AN	2CLA220450N1801	5	
Champagne	N2204.5 CV	2CLA220450N1901	5	

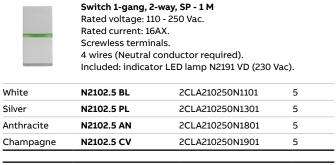
Push-button, SP without symbol - 1M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals.

3 wires (Neutral conductor required).

Included: indicator LED lamp N2192 RJ (230 Vac).

Order-No.

Pack/Qty





Switch 1-gang, 2-way, SP - 2 M

Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals.

4 wires (Neutral conductor required).

Included: indicator LED lamp N2191 VD (230 Vac).

White	N2202.5 BL	2CLA220250N1101	5
Silver	N2202.5 PL	2CLA220250N1301	5
Anthracite	N2202.5 AN	2CLA220250N1801	5
Champagne	N2202.5 CV	2CLA220250N1901	5

__ Zenit

Push buttons

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	5A. nals. Iormally Opened (NO) conta r LED lamp N2191 BL (127 Va			Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	SA.	
White	N2104 BL	2CLA210400N1101	20	White	N2104.2 BL	2CLA210420N1101	20
Silver	N2104 PL	2CLA210400N1301	20	Silver	N2104.2 PL	2CLA210420N1301	20
Anthracite	N2104 AN	2CLA210400N1801	20	Anthracite	N2104.2 AN	2CLA210420N1801	20
Champagne	N2104 CV	2CLA210400N1901	20	Champagne	N2104.2 CV	2CLA210420N1901	20
A	Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	5A.			Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	SA.	
White	N2204 BL	2CLA220400N1101	10	White	N2204.2 BL	2CLA220420N1101	10
Silver	N2204 PL	2CLA220400N1301	10	Silver	N2204.2 PL	2CLA220420N1301	10
Anthracite	N2204 AN	2CLA220400N1801	10	Anthracite	N2204.2 AN	2CLA220420N1801	10
Champagne	N2204 CV	2CLA220400N1901	10	Champagne	N2204.2 CV	2CLA220420N1901	10
A	Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	5A.			Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	SA.	t.
White	N2304 BL	2CLA230400N1101	10	White	N2104.6 BL	2CLA210460N1101	5
Silver	N2304 PL	2CLA230400N1301	10	Silver	N2104.6 PL	2CLA210460N1301	5
Anthracite	N2304 AN	2CLA230400N1801	10	Anthracite	N2104.6 AN	2CLA210460N1801	5
Champagne	N2304 CV	2CLA230400N1901	10	Champagne	N2104.6 CV	2CLA210460N1901	5
					Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	SA.	t

White

Silver

Anthracite

Champagne

N2204.6 BL

N2204.6 PL

N2204.6 AN

N2204.6 CV

2CLA220460N1101

2CLA220460N1301

2CLA220460N1801

2CLA220460N1901

5

5

5

5

Anthracite

Champagne

N2204.8 AN

N2204.8 CV

Zenit

Push buttons

Rocker covers with symbol

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	A.			Spare rocker cov	th symbol housing - 1M er with housing for N2004. D1.X, N2102.X, N2110 and N2	,
White	N2104.7 BL	2CLA210470N1101	20	White	N2101.9 BL	2CLA210190N1101	10
Silver	N2104.7 PL	2CLA210470N1301	20	Silver	N2101.9 PL	2CLA210190N1301	10
Anthracite	N2104.7 AN	2CLA210470N1801	20	Anthracite	N2101.9 AN	2CLA210190N1801	10
Champagne	N2104.7 CV	2CLA210470N1901	20	Champagne	N2101.9 CV	2CLA210190N1901	10
	Optional: locator VD (230 Vac).	ials. ormally Opened (NO) conta LED lamp N2191.1 BL (127 V	(ac) or N2191		inserts.	01.X, N2202.X, N2210 and N2	
White	N2204.7 BL	2CLA220470N1101	10	White	N2201.9 BL	2CLA220190N1101	10
Silver Anthracite	N2204.7 PL N2204.7 AN	2CLA220470N1301 2CLA220470N1801	10	Silver	N2201.9 PL N2201.9 AN	2CLA220190N1301 2CLA220190N1801	10
Champagne	N2204.7 CV	2CLA220470N1901	10	Champagne	N2201.9 CV	2CLA220190N1901	10
	Rated voltage: 11 Rated current: 16 Screwless termir 1-gang, 1-way - N	A.			Spare rocker cov Suitable for N23	th symbol housing - 3M er with housing for N2004. 01, N2302, N2310 and N2304	linserts.
 White	N2204.8 BL	2CLA220480N1101	10	White	N2301.9 BL	2CLA230190N1101	5
Silver				Silver	N2301.9 PL	2CLA230190N1301	5
	N2204.8 PL	2CLA220480N1301	10	Anthracite	N2301.9 AN	2CLA230190N1801	5



Champagne

10

10

2CLA220480N1801

2CLA220480N1901

N2301.9 CV

Symbols for N2X01.9 rocker covers.

2CLA230190N1901

5

Key symbol	N2004.1	2CLA200410N1101	10	
Fan symbol	N2004.2	2CLA200420N1101	10	
WC symbol	N2004.3	2CLA200430N1101	10	
Room service symbol	N2004.4	2CLA200440N1101	10	
Nurse symbol	N2004.5	2CLA200450N1101	10	
Dot symbol	N2004.6	2CLA200460N1101	10	

Card switches

Color	Article-No.	Order-No.	Pack/Qty

Card switch 1-gang, 1-way, DP - 2M

Rated voltage: 110 - 250 Vac. Rated current: 16AX. For 54mm width cards.

Included: locator LED lamp N2193 NG (230 Vac).

White	N2214.1 BL	2CLA221410N1101	10
Silver	N2214.1 PL	2CLA221410N1301	10
Anthracite	N2214.1 AN	2CLA221410N1801	10
Champagne	N2214.1 CV	2CLA221410N1901	10



Card timer switch 1-gang, 1-way, SP - 2M Rated voltage: 110 - 250 Vac; 50-60 Hz.

Rated current:

- Incandescent/halogen: 3.000W@230Vac /
- 1.600W@127Vac.
- Fluorescent: 1.300VA@230Vac / 700VA@127Vac. Electronic and ferromag. transf. and motors: 3.000VA@230Vac / 1.600VA@127Vac.

For 54mm width cards. Locator LED lamp included.

Time delayed switch: 5 - 90 seconds.

White	N2214.5 BL	2CLA221450N1101	1	
Silver	N2214.5 PL	2CLA221450N1301	1	
Anthracite	N2214.5 AN	2CLA221450N1801	1	
Champagne	N2214.5 CV	2CLA221450N1901	1	

Pullcord switches



Pullcord switch 1-gang, 1-way, SP - 1M

Rated voltage: 110 - 250 Vac.

Rated current: 16A. Screwless terminals. Cord length: 2 meters.

White	N2148 BL	2CLA214800N1101	5
Silver	N2148 PL	2CLA214800N1301	5
Anthracite	N2148 AN	2CLA214800N1801	5
Champagne	N2148 CV	2CLA214800N1901	5



Pullcord switch 1-gang, 1-way, SP - 2M

Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. Cord length: 2 meters.

White	N2248 BL	2CLA224800N1101	5	
Silver	N2248 PL	2CLA224800N1301	5	
Anthracite	N2248 AN	2CLA224800N1801	5	
Champagne	N2248 CV	2CLA224800N1901	5	

Zenit

Key switches

Color	Article-No.	Order-No.	Pack/Qty
	Key switch 2-wa Rated voltage: 11 Rated current: 5/ Key removable in Unique key for ea Suitable for blind		
White	N2153.1 BL	2CLA215310N1101	1
Silver	N2153.1 PL	2CLA215310N1301	1
Anthracite	N2153.1 AN	2CLA215310N1801	1
Champagne	N2153.1 CV	2CLA215310N1901	1



Key switch 1-way, 2 positions, SP - 2M Rated voltage: 110 - 250 Vac.

Rated current: 5A.

Key removable in the 2 positions. Unique key for each lock.

Suitable for alarms.

White	N2253 BL	2CLA225300N1101	1
Silver	N2253 PL	2CLA225300N1301	1
Anthracite	N2253 AN	2CLA225300N1801	1
Champagne	N2253 CV	2CLA225300N1901	1



Key switch 2-way, 3 positions, SP - 2M

Rated voltage: 110 - 250 Vac. Rated current: 150mA. Key removable in "OFF" position. Unique key for each lock. Suitable for blinds, shutters, etc.

White	N2253.1 BL	2CLA225310N1101	1
Silver	N2253.1 PL	2CLA225310N1301	1
Anthracite	N2253.1 AN	2CLA225310N1801	1
Champagne	N2253.1 CV	2CLA225310N1901	1



Key push-button 1-way, 2 positions, SP - 2M

Rated voltage: 110 - 250 Vac.

Rated current: 5A.

Key removable in "OFF" position.

Unique key for each lock.

Suitable for alarms.

White	N2253.2 BL	2CLA225320N1101	1	
Silver	N2253.2 PL	2CLA225320N1301	1	
Anthracite	N2253.2 AN	2CLA225320N1801	1	
Champagne	N2253.2 CV	2CLA225320N1901	1	

Blind controls

Color	Article-No.	Order-No.	Pack/Qty
1 50		nd control 1-gang - 1M	
Δ	Rated voltage: 11		
	Rated current: 6/	Α.	
∇	Miniswitch.		
	Direct control.		
White	N2144 BL	2CLA214400N1101	5
Silver	N2144 PL	2CLA214400N1301	5
Anthracite	N2144 AN	2CLA214400N1801	5
Champagne	N2144 CV	2CLA214400N1901	5
		nd control 2-gangs - 2M	
	Rated voltage: 11	.0 - 250 Vac.	
	Rated voltage: 11 Rated current: 16	.0 - 250 Vac.	
Δ ∇	Rated voltage: 11	.0 - 250 Vac. 6A.	
△ ▽	Rated voltage: 11 Rated current: 16 Direct control.	.0 - 250 Vac. 6A.	5
	Rated voltage: 11 Rated current: 16 Direct control. Interlocked gang	.0 - 250 Vac. 6A. gs.	5
White	Rated voltage: 11 Rated current: 16 Direct control. Interlocked gang	20 - 250 Vac. 6A. Js. 2CLA224400N1101	

Δ	Rated voltage: 110 - 250 Vac.	
-	Rated current: 6A.	
	Miniswitch.	
V	Direct control.	

White	N2144.1 BL	2CLA214410N1101	5
Silver	N2144.1 PL	2CLA214410N1301	5
Anthracite	N2144.1 AN	2CLA214410N1801	5
Champagne	N2144.1 CV	2CLA214410N1901	5



Switch blind control 2-gangs - 2M

Rated voltage: 110 - 250 Vac.

Rated current: 16A. Direct control. Interlocked gangs.

White	N2244.1 BL	2CLA224410N1101	5
Anthracite	N2244.1 AN	2CLA224410N1301	5
Silver	N2244.1 PL	2CLA224410N1801	5
Champagne	N2244.1 CV	2CLA224410N1901	5





Electronic blind control 1-gang - 2M

Rated voltage: 110 - 250 Vac; 50/60 Hz. Rated current: 700VA@230Vac / 350VA@127Vac.

Direct control.

Functions:

- PERS: standard blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.

- LAM: venetian type blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.
- Centralization (CEN): one N2261.2 can control all the N2261.2 centrally.

White	N2261.2 BL	2CLA226120N1101	1
Silver	N2261.2 PL	2CLA226120N1301	1
Anthracite	N2261.2 AN	2CLA226120N1801	1
Champagne	N2261.2 CV	2CLA226120N1901	1

Locator & indicator lights

Voltage Article-No. Order-No. Pack/Qty Locator LED lamp kit - Card switch Suitable for N2214.1 card switches. Green LED lamp. Tooless front connection. Rated current: <0,7 mA.



230 Vac

127 Vac

Locator LED lamp kit - 1 & 2M

Suitable for 1-gang, 1-way, SP switches and 1-gang, 1-way, SP NO push-buttons.

2CLA219310N1001

2CLA219300N1001

20

White

Anthracite

Champagne

N2370 BL

N2370 AN

N2370 CV

Green LED lamp.

N2193 NG

N2193 VD

Tooless front connection.

Includes diffusers for 1 and 2 module rocker covers. Rated current: <0,2 mA. Specially designed for CFL and LED lamps.

230 Vac	N2191 VD	2CLA219100N1001	10
127 Vac	N2191 BL	2CLA219110N1001	10



Locator LED lamp kit - 230 Vac - 1 & 2M

Suitable for 1-gang, 1-way, DP switches, 1-gang, 2-ways, SP and 1-gang, intermediate switches.

Green LED lamp.

Tooless front connection.

Includes diffusers for 1 and 2 module rocker covers. Rated current: <0,2 mA. Specially designed for CFL and LED lamps.

230 Vac	N2192 RJ	2CLA219200N1001	10
127 Vac	N2192 NG	2CLA219210N1001	10

Decorative trims for rocker covers

170 VD 170 BL 170 AN 170 CR 170 CV corative trim	e trim. 01.X, N2102.X, N2110 and N21 2CLA217000N1001 2CLA217000N1101 2CLA217000N1401 2CLA217000N1801 2CLA217000N1901	20 20 20 20 20 20 20
170 BL 170 AN 170 CR 170 CV corative trimare decorativ	2CLA217000N1101 2CLA217000N1401 2CLA217000N1801 2CLA217000N1901 1-1,5M e trim.	20 20 20 20
170 AN 170 CR 170 CV corative trimare decorativ	2CLA217000N1401 2CLA217000N1801 2CLA217000N1901 1-1,5M e trim.	20
170 CR 170 CV corative trimare decorativ	2CLA217000N1801 2CLA217000N1901 1-1,5M e trim.	20
170 CV corative trimare decorative	2CLA217000N1901 1-1,5M e trim.	
corative trim	i - 1,5M e trim.	20
are decorativ	e trim.	
870 BL	2CLA287000N1101	20
		20
	2CLA287000N1901	20
are decorativ	e trim.	204.X
270 VD	2CLA227000N1001	20
270 BL	2CLA227000N1101	20
270 CR	2CLA227000N1401	20
270 AN	2CLA227000N1801	20
270 CV	2CL A227000N1901	20
	870 AN 870 CV corative trim are decorative itable for N22 serts. 270 VD 270 BL 270 CR	2CLA287000N1801 2CLA287000N1801 2CLA287000N1901 2CORATIVE trim - 2M are decorative trim. itable for N2201.X, N2202.X, N2210 and N2 serts. 270 VD 2CLA227000N1001 270 BL 2CLA227000N1401

2CLA237000N1101

2CLA237000N1801

2CLA237000N1901

20

20

20

Pack/Qty

10

Zenit

Color

Socket outlets

Article-No.

N2288 CV

	Rated voltage: 2 Rated current: 1 Type F: 2P + E. Shuttered for ch	Schuko socket outlet - 2M Rated voltage: 250 Vac. Rated current: 16A. Type F: 2P + E. Shuttered for child safety. Screw terminals.		
White	N2288 BL	2CLA228800N1101	10	
Silver	N2288 PL	2CLA228800N1301	10	
Anthracite	N2288 AN	2CLA228800N1801	10	

Order-No.

2CLA228800N1901



Champagne

Schuko socket outlet - 2M Rated voltage: 250 Vac. Rated current: 16A. Type F: 2P + E. Shuttered for child safety. Screw terminals.

Suitable to identify special circuits.

Red	N2288 RJ	2CLA228800N7001	5
Green	N2288 VD	2CLA228800N8001	5
Orange	N2288 NA	2CLA228800N9001	5



Schuko socket outlet with lid - 2M

Rated voltage: 250 Vac.
Rated current: 16A.
Type F: 2P + E.
Shuttered for child safety.
Screw terminals.
Lid with notch. 180° opening.

White	N2288.1 BL	2CLA228810N1101	10
Silver	N2288.1 PL	2CLA228810N1301	10
Anthracite	N2288.1 AN	2CLA228810N1801	10
Champagne	N2288.1 CV	2CLA228810N1901	10



Schuko socket outlet srewless terminal - 2M

Rated voltage: 250 Vac. Rated current: 16A. Type F: 2P + E. Shuttered for child safety. Screwless terminals.

White	N2288.6 BL	2CLA228860N1101	10
Silver	N2288.6 PL	2CLA228860N1301	10
Anthracite	N2288.6 AN	2CLA228860N1801	10
Champagne	N2288.6 CV	2CLA228860N1901	10



European unearthed socket outlet - 2M

Rated voltage: 250 Vac. Rated current: 16A. Type C: 2P (non earthed). Shuttered for child safety. Screw terminals.

White	N2203 BL	2CLA220300N1101	10
Silver	N2203 PL	2CLA220300N1301	10
Anthracite	N2203 AN	2CLA220300N1801	10
Champagne	N2203 CV	2CLA220300N1901	10





French/Earth-pin socket outlet - 2M

Rated voltage: 250 Vac. Rated current: 16A. Type E: 2P + E. Shuttered for child safety. Screw terminals.

White	N2287 BL	2CLA228700N1101	10	
Silver	N2287 PL	2CLA228700N1301	10	
Anthracite	N2287 AN	2CLA228700N1801	10	
Champagne	N2287 CV	2CLA228700N1901	10	



French/Earth-pin socket outlet - 2M

Rated voltage: 250 Vac. Rated current: 16A. Type E: 2P + E. Shuttered for child safety. Screw terminals.

Suitable to identify special circuits.

Red	N2287 RJ	2CLA228770N1001	10



French/Earth-pin socket outlet screwless - 2M Rated voltage: 250 Vac.

Rated voltage: 250 Vac.
Rated current: 16A.
Type E: 2P + E.
Shuttered for child safety.
Screwless terminals.

White	N2287.6 BL	2CLA228760N1101	10
Silver	N2287.6 PL	2CLA228760N1301	10
Anthracite	N2287.6 AN	2CLA228760N1801	10
Champagne	N2287.6 CV	2CLA228760N1901	10



French/Earth-pin socket outlet screwless - 2M

Rated voltage: 250 Vac. Rated current: 16A. Type E: 2P + E. Shuttered for child safety. Screwless terminals. Suitable to identify special circuits.

Red	N2287.6 RJ	2CLA228760N7001	10	
Green	N2287.6 VD	2CLA228760N8001	10	



Italian 10/16A socket outlet - 1M

Rated voltage: 250 Vac. Rated current: 10 / 16A. Type L: 2P + E / P17/11. Shuttered for child safety. Screw terminals.

White	N2133 BL	2CLA213300N1101	20
Silver	N2133 PL	2CLA213300N1301	20
Anthracite	N2133 AN	2CLA213300N1801	20
Champagne	N2133 CV	2CLA213300N1901	20

Socket outlets

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
:	Italian 10A sock Rated voltage: 2! Rated current: 10 Type L: 2P + E / F Shuttered for ch Screw terminals.	50 Vac. DA. P11. ild safety.		• 🛊	Euro-American e Rated voltage: 12 Rated current: 15 Type B+C: 2P / N Shuttered for ch Screw terminals.	5 / 16 A. IEMA 5-15R. ild safety.	
White	N2133.1 BL	2CLA213310N1101	20	White	N2138 BL	2CLA213800N1101	20
Silver	N2133.1 PL	2CLA213310N1301	20	Silver	N2138 PL	2CLA213800N1301	20
Anthracite	N2133.1 AN	2CLA213310N1801	20	Anthracite	N2138 AN	2CLA213800N1801	20
Champagne	N2133.1 CV	2CLA213310N1901	20	Champagne	N2138 CV	2CLA213800N1901	20
	American earthe Rated voltage: 12 Rated current: 15 Type B: 2P + E / I Shuttered for ch Screw terminals.	5A. NEMA 5-15R. ild safety.		•	Euro-American e Rated voltage: 12 Rated current: 15 Type B+C: 2P / N Shuttered for ch Screw terminals.	5 / 16A. IEMA 5-15R. ild safety.	
White	N2128 BL	2CLA212800N1101	20	White	N2238 BL	2CLA223801N1101	10
Silver	N2128 PL	2CLA212800N1301	20	Silver	N2238 PL	2CLA223801N1301	10
Anthracite	N2128 AN	2CLA212800N1801	20	Anthracite	N2238 AN	2CLA223801N1801	10
Champagne	N2128 CV	2CLA212800N1901	20	Champagne	N2238 CV	2CLA223801N1901	10
24 24	American earthe Rated voltage: 12 Rated current: 15 Type B: 2P + E / I Duplex outlet. Shuttered for ch Screw terminals.	5A. NEMA 5-15R. ild safety.	I	:• :•	Euro-American of Rated voltage: 12 Rated current: 15 Type B+C: 2P / N Duplex outlet. Shuttered for ch Screw terminals	5 / 16A. IEMA 5-15R.	
White	N2328 BL	2CLA232800N1101	20	White	N2338 BL	2CLA233800N1101	20
Silver	N2328 PL	2CLA232800N1301	20	Silver	N2338 PL	2CLA233800N1301	20
Anthracite	N2328 AN	2CLA232800N1801	20	Anthracite	N2338 AN	2CLA233800N1801	20
Champagne	N2328 CV	2CLA232800N1901	20	Champagne	N2338 CV	2CLA233800N1901	20
•	Rated voltage: 12 Rated current: 15	5 / 16A. IEMA 1-15R (non-earthed).	4		Brazilian 10A soo Rated voltage: 2! Rated current: 10 Type N: 2P + E. Shuttered for ch Screw terminals.	50 Vac.) A. ild safety.	
White	N2135 BL	2CLA213501N1101	20	White	N2136 BL	2CLA213600N1101	20
Silver	N2135 PL	2CLA213501N1301	20	Silver	N2136 PL	2CLA213600N1301	20
Anthracite	N2135 AN	2CLA213501N1801	20	Anthracite	N2136 AN	2CLA213600N1801	20
Champagne	N2135 CV	2CLA213501N1901	20	Champagne	N2136 CV	2CLA213600N1901	20



Brazilian 10A socket outlet - 1M Rated voltage: 250 Vac.

Rated current: 10 A.
Type N: 2P + E.
Shuttered for child safety. Screw terminals.
Suitable to identify special circuits.

Red	N2136 RJ	2CLA213600N7001	20

Socket outlets

Color	Article-No.	Order-No.	Pack/Qty	
	Brazilian 20A socket outlet - 1M Rated voltage: 250 Vac. Rated current: 20 A. Type N: 2P + E. Shuttered for child safety. Screw terminals.			
White	N2136.2 BL	2CLA213620N1101	20	
Silver	N2136.2 PL	2CLA213620N1301	20	
Anthracite	N2136.2 AN	2CLA213620N1801	20	
Champagne	N2136.2 CV	2CLA213620N1901	20	
	Brazilian 20A so	cket outlet - 1M		
	Rated voltage: 25			



Red

Rated voltage: 250 Vac. Rated current: 20 A. Type N: 2P + E. Shuttered for child safety. Screw terminals. Suitable to identify special circuits.

2CLA213620N7001

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-		•	

British standard socket outlet - 2M

Rated voltage: 250 Vac. Rated current: 13A. Type G: 2P + E. Without switch. Shuttered for child safety. Screw terminals.

White	N2237 BL	2CLA223700N1101	10
Silver	N2237 PL	2CLA223700N1301	10
Anthracite	N2237 AN	2CLA223700N1801	10
Champagne	N2237 CV	2CLA223700N1901	10



Universal socket outlet - 2M

Rated voltage: 125 / 250 Vac. Rated current: 13 / 16A. Multiple type: 2P + E. Shuttered for child safety. Screw terminals.

Champagne	N2239 CV	2CLA223900N1901	10
Anthracite	N2239 AN	2CLA223900N1801	10
Silver	N2239 PL	2CLA223900N1301	10
White	N2239 BL	2CLA223900N1101	10

USB Charger

Color	Article-No.	Order-No.	Pack/Qty	
USB charger type-A 750mA, 1-gang - 1M Input voltage: 100 - 240 Vac ±10 %; 50/60 Hz. Input current: 0,12 A (with maximum load). Output voltage: 5 Vdc ±5 %. Output current: 750 mA. Power consumption in stand-by: <= 0,3W@230Vac. Energy efficiency: >= 66 %. Operating temperature: 0 °C to 45 °C.				
White	N2185 BL	2CLA218500N1101	1	
Silver	N2185 PL	2CLA218500N1301	1	
Anthracite	N2185 AN	2CLA218500N1801	1	
Champagne	N2185 CV	2CLA218500N1901	1	



USB charger type-A 2.000mA, 1-gang - 1M

Input voltage: 100 - 230 Vac ±10 %; 50/60 Hz. Input current: 0,20 A (with maximum load).

Output voltage: 5 Vdc ±5 %. Output current: 2.000 mA.

Power consumption in stand-by: <= 0,01W@230Vac.

Energy efficiency: >= 79 %.

Operating temperature: 0 °C to 45 °C.

White	N2185.2 BL	2CLA218520N1101	1
Silver	N2185.2 PL	2CLA218520N1301	1
Anthracite	N2185.2 AN	2CLA218520N1801	1
Champagne	N2185.2 CV	2CLA218520N1901	1



USB charger type-A 1.500mA, 2-gang - 2M

Input voltage: $100 - 240 \text{ Vac} \pm 10 \%$; 50/60 Hz. Input current: 0,20 A (with maximum load).

Output voltage: 5 Vdc ± 5%.

Output current: 1.500~mA (total for both gangs). Power consumption in stand-by: <=0.3W@230Vac.

Energy efficiency: >= 71 %.

Operating temperature: 0 °C to 35 °C.

White	N2285 BL	2CLA228500N1101	1
Silver	N2285 PL	2CLA228500N1301	1
Anthracite	N2285 AN	2CLA228500N1801	1
Champagne	N2285 CV	2CLA228500N1901	1

White

Silver

Anthracite

Champagne

N2208 BL

N2208 PL

N2208 AN

N2208 CV

Protection devices

Color	Article-No.	Order-No.	Pack/Qty
100	Fuse holder - 1M Rated voltage: 2: Rated current: 16 Fuse type / dime	50 Vac.	m.
White	N2108 BL	2CLA210800N1101	20
Silver	N2108 PL	2CLA210800N1301	20
Anthracite	N2108 AN	2CLA210800N1801	20
Champagne	N2108 CV	2CLA210800N1901	20
	Fuse holder - 2M Rated voltrage: 2: Rated current: 16 Fuse type / dime	50 Vac.	m.

2CLA220800N1101

2CLA220800N1301

2CLA220800N1801

2CLA220800N1901

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Color	Article-No.	Order-No.	Pack/Qty
6A 7551 166 170 A	Rated current: 6/ Braking capacity Residual current C type magneto- A type residual c	20 - 230 Vac; 50/60 Hz. A.	
White	N2234.1 BL	2CLA223410N1101	1
Silver	N2234.1 PL	2CLA223410N1301	1
Anthracite	N2234.1 AN	2CLA223410N1801	1
Champagne	N2234.1 CV	2CLA223410N1901	1



Circuit breaker 10A & RCD - 2M

Rated voltage: 120 - 230 Vac; 50/60 Hz.

Rated current: 10A. Braking capacity: 3.000A.

Residual current (sensitivity - $I\Delta n$): 10 mA. C type magneto-thermic protection. A type residual current protection. Two-pole (1P + N) with 1 protected pole.

White	N2234.2 BL	2CLA223420N1101	1	
Silver	N2234.2 PL	2CLA223420N1301	1	
Anthracite	N2234.2 AN	2CLA223420N1801	1	
Champagne	N2234.2 CV	2CLA223420N1901	1	



Circuit breaker 16A & RCD - 2M

Rated voltage: 120 - 230 Vac; 50/60 Hz. Rated current: 16A.

Braking capacity: 3.000A.

Residual current (sensitivity - $I\Delta n$): 10 mA. C type magneto-thermic protection. A type residual current protection. Two-pole (1P + N) with 1 protected pole.

White	N2234.3 BL	2CLA223430N1101	1
Silver	N2234.3 PL	2CLA223430N1301	1
Anthracite	N2234.3 AN	2CLA223430N1801	1
Champagne	N2234.3 CV	2CLA223430N1901	1

TV socket outlets

Product	Article-No.	Order-No.	Pack/
	TV / R terminal	outlet	
24 (til)	TV and R double	outlet - Final.	
14 14 1	Without filter.		
15 3	Installation as a	terminal outlet connecte	ed to a
	tap-off or splitte	r (without terminal resi	stor).
	Connection: scre	w terminal and clamp.	
	Output connecto	ors (C1 / C2):	
	IEC male 9,52 mr	n. diam. / IEC female 9,5	52 mm. diam.
	Frequency range	(I/O / C1 / C2):	
	5 - 862 MHz / 5 -	862 MHz / 5 - 862 MHz.	
	Basic loss (FM /	DAB / VHF / UHF):	
	10,0±0,7 dB / 10,	0 ±1,5 dB / 4,0±1,5 dB /	3,0±0,5 dB.
	Isolation (FM / T	V): >14 / >14.	
	Return loss (FM	/ TV): >18 / >10.	
	To be installed w	rith N2250.8 cover plates	5.
	Fitting boxes wi	th 60mm distance betwe	een screws
	(codes: 1099, 199	99 and 1999.2).	



TV / R final outlet - CATV outlet

TV and R double outlet - CATV outlet - Final. With filter

Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).

Connection: screw terminal and clamp.

Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

2CLA815000A1001

Frequency range (C1 / C2):

5 - 68 & 118 - 1.000 MHz / 87,5 - 108 MHz.

Basic loss (R / FM / TV):

0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB.

Isolation (FM / TV): >18 / >16.

Selectivity (FM / TV): >10 / >18. Return loss (R / FM / TV): >18 / >16 / >18.

Chroma-luminance delay (ns): <10.

To be installed with N2250.8 cover plates.

Fitting boxes with 60mm distance between screws

(codes: 1099, 1999 and 1999.2).

8150.3

8150

2CLA815030A1001

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TV / R loop-through outlet

TV and R double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor. Connection: screw terminal and clamp.

Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

Frequency range (I/O / C1 / C2):

13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz.

Basic loss (FM / DAB / VHF / UHF):

 $25\pm1,5~dB$ / $25\pm1,5~dB$ / $8,0\pm0,7~dB$ / $8,0\pm0,7~dB$.

Through loss (FM / VHF / UHF):

2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB.

Directivity (FM / TV): >12 dB / >9 dB.

Isolation (FM / TV): >16 / >15. Return loss (FM / TV): >12 / >12.

To be installed with N2250.8 cover plates.

Fitting boxes with 60mm distance between screws

(codes: 1099, 1999 and 1999.2).

8150.7 2CLA815070A1001 Color Article-No. Order-No. Pack/Qty



Cover plate for TV/R outlet - 2M

Cover plates for outlets with 2 connectors codes 8150, 8150.3 and 8150.7.

Covers prepared to fix the frame to the wall. TV and R engraved in the front.

White	N2250.8 BL	2CLA225080N1101	20
Silver	N2250.8 PL	2CLA225080N1301	20
Anthracite	N2250.8 AN	2CLA225080N1801	20
Champagne	N2250.8 CV	2CLA225080N1901	20



TV-R/SAT terminal outlet

TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp.

Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

Frequency range (I/O / C1 / C2):

5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz.

Basic loss (FM / TV / SAT):

0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB.

Isolation (FM / TV / SAT): >45 / >14 / >14.

Selectivity (TV-R / SAT): >15 / >15.

Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10.

DC path (Vdc / mA / Tono):

24 max. / 500 max. / 22 KHz - DiSEqC.

To be installed with N2250.1 cover plates.

Fitting boxes with 60mm distance between screws

(codes: 1099, 1999 and 1999.2).

8151.3 2CLA815130A1001 10



TV-R/SAT final outlet

TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series with loop-through outlets.

Connection: screw terminal and clamp.

Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.

Frequency range (I/O / C1 / C2):

5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.

Basic loss (FM / TV / SAT):

3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB.

Isolation (FM / TV / SAT): >20 / >20 / >14.

Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9.

DC path (Vdc / mA / Tono):

24 max. / 500 max. / 22 KHz - DiSEqC.

To be installed with N2250.1 cover plates.

Fitting boxes with 60mm distance between screws

(codes: 1099, 1999 and 1999.2).

2CLA815170A1001 8151.7 10

TV socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Installation as all to each other. Output connect: IEC male 9,52 mi Frequency range 5 - 2.400 MHz / 9 Basic loss (FM / 10,0±1,0 dB / 10 Through loss (FI / 2,5±0,5 / 2,5±0,7 Directivity (FM / 1) Return loss (VR / DC path (Vdc / r 24 max. / 500 m To be installed w	nuble outlet - Intermediate. In intermediate outlet in seriors (C1 / C2): Im. diam. / IEC female 9,52 ne (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHTV / SAT): 1,0±1,0 dB / 12,0±2,0 dB. IM / TV / SAT): 1/3,0±1,0. 1/TV / SAT): >20 / >12 / >5. 1/Y / SAT): >45 / >30 / >28. 1/FM / TV / SAT): >13 / >13 / NA / Tono): 20x / FM / TO / SAT /	nm. diam. Hz. >12 / >12.
	8151.8	2CLA815180A1001	10



Cover plate for TV-R/SAT - 2M

Cover plates for outlets with 2 connectors codes 8150.3, 8150.7 and 8150.8. Covers prepared to fix the frame to the wall. TV-R and SAT engraved in the front.

White	N2250.1 BL	2CLA225010N1101	20
Silver	N2250.1 PL	2CLA225010N1301	20
Anthracite	N2250.1 AN	2CLA225010N1801	20
Champagne	N2250.1 CV	2CLA225010N1901	20



TV/R/SAT final outlet TV, R and SAT triple outlet - Final.

Installation as a terminal outlet. Connection: screw terminal and clamp.
Output connectors (C1 / C2 / C3): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. / F female Frequency range (I / C1 / C2 / C3): Frequency range (1 / C1 / C2 / C3): 5 - 2.500 MHz / 5 - 68 & 125 - 862 MHz / 87,5 - 108 MHz / 950 - 2.5000 MHz. Basic loss (FM / TV / SAT): 2,0 dB / 2,7 dB / 2,3 dB. Isolation (FM / TV / SAT): >24,3 / >15 / >15. Selectivity (FM / TV / SAT): >15 / >15 / >15. Return loss (VR / FM / TV / SAT): >7,6 / >10 / >7,6 / >8,2. DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22 KHz - DiSEqC. To be installed with N2252 cover plates. Fitting boxes with 60mm distance between screws (Codes: 1099, 1999 and 1999.2).

8152.7 2CLA815270	A1002 10	
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Cover plate for TV/R/SAT - 2M

Cover plates for outlets with 3 connectors code 8152.7.

Covers prepared to fix the frame to the wall. TV, R and SAT engraved in the front.

White	N2252 BL	2CLA225200N1101	20
Silver	N2252 PL	2CLA225200N1301	20
Anthracite	N2252 AN	2CLA225200N1801	20
Champagne	N2252 CV	2CLA225200N1901	20





TV-R/SAT terminal outlet - 2M

TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz. Basic loss (FM / TV / SAT): 0,2±0,1 dB / 1,0±0,5 dB / 1,2±0,6 dB. Isolation (FM / TV / SAT): >45 / >14 / >14. Selectivity (TV-R / SAT): >15 / >15.

DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.

Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10.

White	N2251.3 BL	2CLA225130N1101	10
Silver	N2251.3 PL	2CLA225130N1301	10
Anthracite	N2251.3 AN	2CLA225130N1801	10
Champagne	N2251.3 CV	2CLA225130N1901	10



TV-R/SAT final outlet - 2M

TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series with loop-through outlets. Connection: screw terminal and clamp. Output connectors (C1 / C2):
IEC male 9,52mm diam. / IEC female 9,52 mm. diam.
Frequency range (I/O / C1 / C2):
5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.
Basic loss (FM / TV / SAT): 3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB. S/15/3 ub/ 4/20/3 ub/ 5/301/2 ub/ Isolation (FM / TV / SAT): >20 / >20 / >14. Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.

Champagne	N2251.7 CV	2CLA225170N1901	10
Anthracite	N2251.7 AN	2CLA225170N1801	10
Silver	N2251.7 PL	2CLA225170N1301	10
White	N2251.7 BL	2CLA225170N1101	10



TV-R/SAT loop-through outlet - 2M

TV-R and SAT double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other.

Output connectors (C1 / C2):

IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2):

5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT):

10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB.

Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0 Directivity (FM / TV / SAT): >20 / >12 / >5. Isolation (FM / TV / SAT): >45 / >30 / >28. Return loss (VR / FM / TV / SAT): >13 / >12 / >12.

DC path (Vdc / mA / Tono):

24 max. / 500 max. / 22 KHz - DiSEqC.

White	N2251.8 BL	2CLA225180N1101	10
Silver	N2251.8 PL	2CLA225180N1301	10
Anthracite	N2251.8 AN	2CLA225180N1801	10
Champagne	N2251.8 CV	2CLA225180N1901	10

TV socket outlets

Telephone and fiber optic outlets

Color	Article-No.	Order-No.	Pack/Qty
⊘ ∧⊥	Frequency range Working voltage Dielectric withst Contact resistan - 5 mΩ max. (cer - 2 mΩ max. (out	- Dead-end. nce coaxial cable. o - 2.000 Mhz. 250 VRMS max. anding voltage: 500 VRMS nice: ter contact).	nin.
White	N2150 BL	2CLA215000N1101	10
Silver	N2150 PL	2CLA215000N1301	10
Anthracite	N2150 AN	2CLA215000N1801	10
Champagne	N2150 CV	2CLA215000N1901	10



TV terminal outlet M-type - 1M

Single TV outlet - Dead-end. M type - 9,52 mm. male. For 75 Ω impedance coaxial cable. Avoid small bending radius. Frequency range: 5 - 2.400 Mhz. Connection loss: 1 dB. Isolation: >16 dB. Return loss: >7,6 dB. DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz - DiSEqC.

White	N2150.7 BL	2CLA215070N1101	10
Silver	N2150.7 PL	2CLA215070N1301	10
Anthracite	N2150.7 AN	2CLA215070N1801	10
Champagne	N2150.7 CV	2CLA215070N1901	10



TV terminal outlet M-type - 2M

Single TV outlet - Dead-end. M type - 9,52 mm. male. For 75 Ω impedance coaxial cable. Avoid small bending radius. Frequency range: 5 - 2.400 Mhz. Connection loss: 1 dB. Isolation: >16 dB. Return loss: >7,6 dB. DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz - DiSEqC.

White	N2250.7 BL	2CLA225070N1101	10	
Silver	N2250.7 PL	2CLA225070N1301	10	
Anthracite	N2250.7 AN	2CLA225070N1801	10	
Champagne	N2250.7 CV	2CLA225070N1901	10	



Color

Telephone outlet RJ12 - 1M

Article-No.

RJ12 type connector. 6 contacts. Suitable for 2, 4 or 6 contscts jack. Screw terminals.

Order-No.

Pack/Qty

N2117.6 BL	2CLA211760N1101	20
N2117.6 PL	2CLA211760N1301	20
N2117.6 AN	2CLA211760N1801	20
N2117.6 CV	2CLA211760N1901	20
	N2117.6 PL N2117.6 AN	N2117.6 PL 2CLA211760N1301 N2117.6 AN 2CLA211760N1801



Telephone outlet RJ12 - 2M

RJ12 type connector. 6 contacts. Suitable for 2, 4 or 6 contscts jack. Screw terminals.

White	N2217.6 BL	2CLA221760N1101	10
Silver	N2217.6 PL	2CLA221760N1301	10
Anthracite	N2217.6 AN	2CLA221760N1801	10
Champagne	N2217.6 CV	2CLA221760N1901	10



Fiber optic SC simplex adapter - 1M

Insertion Loss (IL) <=0.3dB for SM and MM. Durability(500 Mating): 0.2dB max. increase. Withdrawal force (g/f): 100300. Operating temperature: -40° C to +85° C. Meet JIS C5974 and Bellcore GR-326 standard. Compliant with IEC874-14 & IEC874-19. All parts compliant with ROHS.

White	N2118.3 BL	2CLA211830N1101	10
Silver	N2118.3 PL	2CLA211830N1301	10
Anthracite	N2118.3 AN	2CLA211830N1801	10
Champagne	N2118.3 CV	2CLA211830N1901	10

Data outlets

Color	Article-No.	Order-No.	Pack/Qty		
	Cover plate for c	lata outlet 1-gang - 1M			
<u> </u>	2017.2, 2018.5, 20	Cover plate for one 201X.X connector or housing (codes: 2017.2, 2018.5, 2018.6, 2018 and 2018.8). With labeling area. Without shutter.			
	Without shutter.				
White	Without shutter.	2CLA211810N1101	10		
White Silver			10		
	N2118.1 BL	2CLA211810N1101			



Cover plate for one 201X.X connector or housing (codes: 2017.2, 2018.5, 2018.6, 2018 and 2018.8). With labeling area. Without shutter.

White	N2218.1 BL	2CLA221810N1101	10
Silver	N2218.1 PL	2CLA221810N1301	10
Anthracite	N2218.1 AN	2CLA221810N1801	10
Champagne	N2218.1 CV	2CLA221810N1901	10



Cover plate for data outlet 2-gangs - 2M

Cover plate for two 201X.X connectors and/or and housings (codes: 2017.2, 2018.5, 2018.6, 2018 and 2018.8). With labeling area. Without shutter.

White	N2218.2 BL	2CLA221820N1101	10	
Silver	N2218.2 PL	2CLA221820N1301	10	
Anthracite	N2218.2 AN	2CLA221820N1801	10	
Champagne	N2218.2 CV	2CLA221820N1901	10	



Telephone outlet RJ12

RJ12 type connector.

6 contacts.

Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks.

Screw terminals.

To be installed with N2118.1, N2218.1 and N2218.2 cover plates.

2017.2	2CLA201720A1001	10





Data outlet RJ45 Cat.5e UTP

RJ45 type connector. Cat.5e UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.

Universal TIA/EIA 568A and 568B labeling.

Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).

IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.

Tool-less wiring.

2018.5

To be installed with N2118.1, N2218.1 and N2218.2 cover plates.

2CLA201850A1001

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Data outlet RJ45 Cat.6 UTP

RJ45 type connector. Cat.6 UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.

Universal TIA/EIA 568A and 568B labeling.

Housing: ABS UL-94-0.

Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.

Tool-less wiring.
To be installed with N2118.1, N2218.1 and N2218.2 cover plates.

2018.6	2CLA201860A1001
Data outlet RJ45	



RJ45 type connector.

In compliance with ANSI/TIA/EIA 568B.2,

ISO/IEC11801 & EN50173.

Universal TIA/EIA 568A and 568B Labeling. 10Gb/sec

Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). Housing: Zinc Die-casting design for optimal EMI

. Slim size is ideal for interfaces where the spaces are tight. IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.

Tool-less wiring.

2018.6 S

To be installed with N2118.1, N2218.1 and N2218.2 cover plates.

2CLA201862A1001



Housing for data outlets - Keystone type

Housing for connectors with Keystone type clipping

To be installed with N2118.1, N2218.1 and N2218.2 cover plates.



2018 2CLA201800A1001 10

Housing for data outlets - Systimax type Housing for connectors with Systimax type clipping

To be installed with N2118.1, N2218.1 and N2218.2 cover plates.

2018.8 2CLA201880A1001	10	
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Data outlets adapters

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
	Cover plate for o				•	ea for stickers.	
White	N2216.1 BL	2CLA221610N1101	10	White	N2216.6 BL	2CLA221660N1101	5
Silver	N2216.1 PL	2CLA221610N1301	10	Silver	N2216.6 PL	2CLA221660N1301	5
Anthracite	N2216.1 AN	2CLA221610N1801	10	Anthracite	N2216.6 AN	2CLA221660N1801	5
Champagne	N2216.1 CV	2CLA221610N1901	10	Champagne	N2216.6 CV	2CLA221660N1901	5
	Cover plate for t	data outlet 2-gang - 2M wo data connector housing 11, 2016.2 and 2016.3).			•	data outlet 1-gang at 45° - 2 6° for one data connector ho	



With labeling area for stickers. Without shutter.

White	N2216.2 BL	2CLA221620N1101	10	
Silver	N2216.2 PL	2CLA221620N1301	10	
Anthracite	N2216.2 AN	2CLA221620N1801	10	
Champagne	N2216.2 CV	2CLA221620N1901	10	



Cover plate for data outlet 1-gang - 2M

Cover plate for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3). With labeling area for stickers. With shutter.

White	N2216.3 BL	2CLA221630N1101	10
Silver	N2216.3 PL	2CLA221630N1301	10
Anthracite	N2216.3 AN	2CLA221630N1801	10
Champagne	N2216.3 CV	2CLA221630N1901	10



Cover plate for data outlet 2-gang - 2M

Cover plate for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3). With labeling area for stickers. With shutters.

White	N2216.4 BL	2CLA221640N1101	10
Silver	N2216.4 PL	2CLA221640N1301	10
Anthracite	N2216.4 AN	2CLA221640N1801	10
Champagne	N2216.4 CV	2CLA221640N1901	10



Cover plate for data outlet 1-gang at 45º - 2M

Cover plate at 45° for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3). With labeling area for stickers. Without shutter.

White	N2216.5 BL	2CLA221650N1101	5
Silver	N2216.5 PL	2CLA221650N1301	5
Anthracite	N2216.5 AN	2CLA221650N1801	5
Champagne	N2216.5 CV	2CLA221650N1901	5



sing (refs.: With labeling area for stickers. With shutter.

White	N2216.7 BL	2CLA221670N1101	5
Silver	N2216.7 PL	2CLA221670N1301	5
Anthracite	N2216.7 AN	2CLA221670N1801	5
Champagne	N2216.7 CV	2CLA221670N1901	5



Cover plate for data outlet 2-gang at 45º - 2M

Cover plate at 45° for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3). With labeling area for stickers. With shutters.

White	N2216.8 BL	2CLA221680N1101	5
Silver	N2216.8 PL	2CLA221680N1301	5
Anthracite	N2216.8 AN	2CLA221680N1801	5
Champagne	N2216.8 CV	2CL A221680N1901	5



Housing for data outlets 1-gang

Cover plate for two data connector housing Housing for RJ45 data connectors with multiple type clipping systems:

- 2016: Keystone, 3M and AMP type.
- 2016.1: Systimax type.
- 2016.2: Panduit type.
- 2016.3: R&M type.

To be installed with 8516.8, N2216.1, N2218.2, N2216.3, N2216.4, N2216.5, N2216.6, N2216.7 and N2218.8 cover plates.

2016	2CLA201600A1001	10	
2016.1	2CLA201610A1001	10	
2016.2	2CLA201610A1001	10	
2016.3	2CLA201630A1001	10	

Anthracite

Champagne

N2155.71 AN

N2155.71 CV

2CLA215571N1801

2CLA215571N1901

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Anthracite

Champagne

N2155.91 AN

N2155.91 CV

2CLA215591N1801

2CLA215591N1901

1

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VDI outlets

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
6	2x RCA connection Front: 2x RCA con Rear: screw term	nnectors (Red / White).		•	Mini-Jack conne Front: 1x Mini-Jac (3,5 mm. stereo a Rear: screw term	ck connector	
White	N2155.2 BL	2CLA215520N1101	1	White	N2155.4 BL	2CLA215540N1101	1
Silver	N2155.2 PL	2CLA215520N1301	1	Silver	N2155.4 PL	2CLA215540N1301	1
Anthracite	N2155.2 AN	2CLA215520N1801	1	Anthracite	N2155.4 AN	2CLA215540N1801	1
Champagne	N2155.2 CV	2CLA215520N1901	1	Champagne	N2155.4 CV	2CLA215540N1901	1
(a) (b)	3x RCA connecti Front: 3x RCA cor Rear: screw term	nnectors (Red / White / Yell	ow).		VGA connection Front: 1x VGA co Rear: screw term	nnector (DE-15 connector).	
White	N2155.3 BL	2CLA215530N1101	1	White	N2155.5 BL	2CLA215550N1101	1
Silver	N2155.3 PL	2CLA215530N1301	1	Silver	N2155.5 PL	2CLA215550N1301	1
Anthracite	N2155.3 AN	2CLA215530N1801	1	Anthracite	N2155.5 AN	2CLA215550N1801	1
Champagne	N2155.3 CV	2CLA215530N1901	1	Champagne	N2155.5 CV	2CLA215550N1901	1
		051 104555014404		0		251 1047550014104	
White	N2155.6 BL	2CLA215560N1101	1	White	N2155.8 BL	2CLA215580N1101	1
Silver	N2155.6 PL	2CLA215560N1301	1	Silver	N2155.8 PL	2CLA215580N1301	1
Anthracite Champagne	N2155.6 AN N2155.6 CV	2CLA215560N1801 2CLA215560N1901	1	Anthracite Champagne	N2155.8 AN N2155.8 CV	2CLA215580N1801 2CLA215580N1901	1
D	Front: 1x HDMI co	male connection unit - 1M onnector (Type A connector nnector (Type A connector) le.		11	Front: 1x USB 2.0	ale connection unit - 1M connector (Type A connect connector (Type A connecto le.	•
White	N2155.7 BL	2CLA215570N1101	1	White	N2155.9 BL	2CLA215590N1101	1
Silver	N2155.7 PL	2CLA215570N1301	1	Silver	N2155.9 PL	2CLA215590N1301	1
Anthracite	N2155.7 AN	2CLA215570N1801	1	Anthracite	N2155.9 AN	2CLA215590N1801	1
Champagne	N2155.7 CV	2CLA215570N1901	1	Champagne	N2155.9 CV	2CLA215590N1901	1
	Front: 1x HDMI co	nale connection unit with connector (Type A connector) nnector (Type A connector) nsion.	·).		Front: 1x USB 2.0	ale connection unit with ca connector (Type A connect connector (Type A connecto	or).
White	N2155.71 BL	2CLA215571N1101	1	White	N2155.91 BL	2CLA215591N1101	1
Silver	N2155.71 PL	2CLA215571N1301	1	Silver	N2155.91 PL	2CLA215591N1301	1

Light controls - Rotatory dimmers

Color	Article-No.	Order-No.	Pack/Qty			
	LED/Universal re	otatory dimmer 220V -	1M			
	Rated voltage: 23	30 Vac ± 10%.				
	Frequency: 50-60	0 Hz.				
	Power (min./ma	x load):				
	- LEDi (trailing-e	- LEDi (trailing-edge lamps): 4 / 250 W/VA.				
	- LEDi (leading-e	- LEDi (leading-edge lamps): 4 / 60 W/VA.*				
	- LV LEDi with tra	- LV LEDi with transformer type C: 4 / 250 W/VA.				
	- LV LEDi with tra	- LV LEDi with transformer type LC: 4 / 60 W/VA.*				
	- LV halogen witl	- LV halogen with transformer type C: 4 / 250 W/VA.				
	- LV halogen with	n transformer type LC: 4	1 / 250 W/VA.			
	- Incandescent la	mps: 4 / 250 W/VA.				
	- Halogen lamps	: 4 / 250 W/VA.				
	*Max. 10 lamps.	, ,				
	Load selection					
	2 or 3 wire conne	ection.				
	OFF position					
	Back-up fuse: Ele	ectronic.				
	Overload protec	tion: Electronic.				

White	N2160.3 BL	2CLA216030N1101	1
Silver	N2160.3 PL	2CLA216030N1301	1
Anthracite	N2160.3 AN	2CLA216030N1801	1
Champagne	N2160.3 CV	2CLA216030N1901	1

Ambient temperature: 0° C to +35° C.



LED/Universal rotatory dimmer 110V - 1M

Rated voltage: 127 Vac ± 10%.

Frequency: 60 Hz.

Power (min./max load):

- LEDi (trailing-edge lamps): 4 / 125 W/VA.
- LEDi (leading-edge lamps): 4 / 30 W/VA.*
- LV LEDi with transformer type C: 4 / 125 W/VA.
- LV LEDi with transformer type LC: 4 / 30 W/VA.*
- LV halogen with transformer type C: 4 / 125 W/VA.
- LV halogen with transformer type LC: 4 / 125 W/VA.
- Incandescent lamps: 4 / 125 W/VA.
- Halogen lamps: 4 / 125 W/VA.
- *Max. 10 lamps.

Load selection

2 or 3 wire connection.

OFF position

Back-up fuse: Electronic.

Overload protection: Electronic.

Ambient temperature: 0° C to +35° C.

White	N2160.8 BL	2CLA216080N1101	1
Silver	N2160.8 PL	2CLA216080N1301	1
Anthracite	N2160.8 AN	2CLA216080N1801	1
Champagne	N2160.8 CV	2CLA216080N1901	1





LED rotatory/push dimmer - 2M

Rated voltage: 230 Vac ± 10%.

Frequency: 50 Hz (250 W/VA) / 60 Hz (200 W/VA).

Power (min./max load):

- LEDi: 2 / 100 W/VA*.
- Dimmable CFL: 2 / 100 W/VA*.
- LV LEDi with transformer (L or LC): 4 / 100 W/VA*.
- Incandescent lamps: 10 / 250 W/VA.
- Halogen lamps: 10 / 250 W/VA.
- LV halogen w/transformer (L or LC): 10 / 250 W/VA*.
- 10 / 250 W/VA (max. 10 lamps).
- *: max. 10 lamps.

2 wire connection.

Optional: auxiliary on/off with 2-way switch N2X02.

Indicator LED lamp included.

Electronic back-up fuse & overload protection.

Ambient temperature: 0° C to +35° C.

White	N2260.3 BL	2CLA226030N1101	1	
Silver	N2260.3 PL	2CLA226030N1301	1	
Anthracite	N2260.3 AN	2CLA226030N1801	1	
Champagne	N2260.3 CV	2CLA226030N1901	1	



LED rotatory/push dimmer - 2M

Rated voltage: 127 Vac ± 10%.

Frequency: 50 / 60 Hz (140 W/VA).

Power (min./max load):

- LEDi: 2 / 55 W/VA*.
- Dimmable CFL: 2 / 55 W/VA*.
- LV LEDi with transformer (L or LC): 4 / 55 W/VA*.
- Incandescent lamps: 10 / 140 W/VA.
- Halogen lamps: 10 / 140 W/VA.
- LV halogen w/transformer (L or LC): 10 / 140 W/VA*.
- *: max. 10 lamps.
- 2 wire connection.

Optional: auxiliary on/off with 2-way switch N2X02.

Indicator LED lamp included.

Electronic back-up fuse & overload protection.

Ambient temperature: 0° C to +35° C.

White	N2260.8 BL	2CLA226080N1101	1
Silver	N2260.8 PL	2CLA226080N1301	1
Anthracite	N2260.8 AN	2CLA226080N1801	1
Champagne	N2260.8 CV	2CLA226080N1901	1



1-10V rotary dimmer - 2M

Rated voltage: 127 - 230 Vac / 50 - 60 Hz Dimmable electronic ballast/driver. 1-10V control input. Max. power (max. 6 ballasts per device): 700 VA @ 230 Vac / 350 VA @ 127 Vac.

Indicator LED lamp included.

White	N2260.9 BL	2CLA226090N1101	1
Silver	N2260.9 PL	2CLA226090N1301	1
Anthracite	N2260.9 AN	2CLA226090N1801	1
Champagne	N2260.9 CV	2CLA226090N1901	1

_

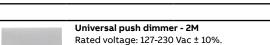
Color

Zenit

Light controls - Push-button dimmers

Light controls - Motion sensors

Article-No.



Frequency: 50/60 Hz.

Power (max load 127Vac / 220Vac):

- LV halogen with transformer: 400 / 250 W/VA*
- Incandescent lamps: 450 / 250 W/VA.
- Halogen lamps: 450 / 250 W/VA.

2 wire connection.

Article-No.

Optional: auxiliary control with N2X04.X push-buttons.

Overcurrent protection: with fuse.

Order-No.

Indicator LED lamp included. Operating temperature: 0° C to $+30^{\circ}$ C.

N2260 BL 2CLA226000N1101 1

 Silver
 N2260 PL
 2CLA226000N1301
 1

 Anthracite
 N2260 AN
 2CLA226000N1801
 1

 Champagne
 N2260 CV
 2CLA226000N1901
 1



White

Resistive push dimmer 220V - 2M

Rated voltage: 230 Vac ± 10%.

Frequency: 50 Hz.

Power (min./max load):

- LV halogen with transformer: 60 / 500 W/VA*
- Incandescent lamps: 60 / 500 W/VA.
- Halogen lamps: 60 / 500 W/VA.
- *Max. load 400 W/VA for ferromagnetic transformer.

2 wire connection.

Optional: auxiliary control with N2X04.X push-buttons.

Indicator LED lamp included.

Operating temperature: 0° C to +30° C.

White	N2260.1 BL	2CLA226010N1101	1
Silver	N2260.1 PL	2CLA226010N1301	1
Anthracite	N2260.1 AN	2CLA226010N1801	1
Champagne	N2260.1 CV	2CLA226010N1901	1



Color

Pack/Qty

110° motion sensor - 2M

Rated voltage: $127 - 230 \text{ Vac} \pm 10\% / 50 - 60 \text{ Hz}$ Outputs: 1 Normally Open (NO). Potential free Max. power:

- Incandescent: 1.800W @230Vac / 1.000W @127Vac
- Halogen with electronic o ferromagnetic transformer: 750VA @230Vac / 400VA @127Vac

Order-No.

- Fluorescent lamps or motors: 400VA @230Vac / 200VA @127Vac

For automatic switching of devices dependent on motion and brightness.

With integrated selector switch for ON-AUTOMATIC-OFF in the front side.

Switch-off delay: 10 sec to 10 min or short-time pulse 1 sec adjustable (from the front side).

Detection range: 5 m radious

Adjustable light set point level for activation (from the front side).

Detection angle: 110 ° Mounting height: 1,2 m

Auxiliary control with N2X04.X push-buttons Temperature range (Device): -10 $^{\circ}$ C to 40 $^{\circ}$ C

White	N2241 BL	2CLA224100N1101	1
Silver	N2241 PL	2CLA224100N1301	1
Anthracite	N2241 AN	2CLA224100N1801	1
Champagne	N2241 CV	2CLA224100N1901	1

Light controls - Time delay switches



Time delayed switch - 2M

Rated voltage: 230 Vac / 50 Hz.

Power:

- Incandescent: 40 500 W.
- Halogen with transformer: 40 400 VA.
- Motors: 40 100 VA.
- 2 wire connection.

Delay setup: 10 sec. to 10 min.

Overcurrent protection: with fuse.

Indicator LED lamp included.

Operating temperature: 0° C to +40° C.

White	N2262.1 BL	2CLA226210N1101	1
Silver	N2262.1 PL	2CLA226210N1301	1
Anthracite	N2262.1 AN	2CLA226210N1801	1
Champagne	N2262.1 CV	2CLA226210N1901	1

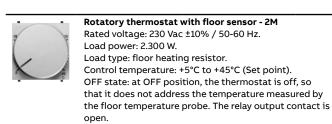
Zenit

Color

Temperature controls - RTC

Article-No.

Temperature controls - Fan regulators



Temperature accuracy: 0,5° C.

Hysteresis: 0,5° C.

Floor temperature sensor: NTC, 10 K Ω at 25° C, -40° C. to 80° C. Double isolated cable, 4 m. length. LED light indication: Red and green.

Order-No.

LED light indication: Red and green. Ambient temperature: -20° C to 45° C.

Champagne	N2240.3 CV	2CLA224030N1901	1
Anthracite	N2240.3 AN	2CLA224030N1801	1
Silver	N2240.3 PL	2CLA224030N1301	1
White	N2240.3 BL	2CLA224030N1101	1



Digital room thermostat - 2M

Rated voltage: 230 Vac / 50-60 Hz.

Power consumption: < 1W.

Operating temperature range: + 0° C to 50° C.

Measurement accuracy: ±2° C (±1° C with calibration).

Resolution: 0.1° C. Control output:

Potential-free relay contacts Normally Open (NO).

Maximum load: 3A cos = 0,5.

Output relay operation modes:

- Hysteresis: 0.5° C.
- Pulse-width modulation: with a $\pm 4^{\circ}\text{C}$ difference with the set-point temperature, variable from 100% to 0% modulation.

To be installed with N2240.5 cover plates.

8140.5	2CLA814050A1001	1	
01.40 5	261 401 4050 41001		



Cover plate for digital thermostat- 2M

Cover plate for digital room thermostat code 8140.5.

White	N2240.5 BL	2CLA224050N1101	5
Silver	N2240.5 PL	2CLA224050N1301	5
Anthracite	N2240.5 AN	2CLA224050N1801	5
Champagne	N2240.5 CV	2CLA224050N1901	5



Color

Rotatory 3-speed fan control - 2M

Order-No.

Pack/Qty

Rated voltage: 127 Vac / 60 Hz.

Rated current: 1,5 A.

Load type: ceiling fan. 4 control positions:

- 0: Off.

Article-No.

- I: On maximum speed.
- II: On medium speed.
- III: On low speed.

Ambient temperature: 0° C to 40° C.

White	N2254.1 BL	2CLA225410N1101	1
Silver	N2254.1 PL	2CLA225410N1301	1
Anthracite	N2254.1 AN	2CLA225410N1801	1
Champagne	N2254.1 CV	2CLA225410N1901	1

DND / MUR systems

Color	Article-No.	Order-No.	Pack/Qty
-	Lamp: white LED	27-230 Vac / 50-60 Hz.	
	Do Not Disturb (DND) symbol.	

To be controlled with N2244.5 DND/MUR 2-gang

White	N2180.4 BL	2CLA218040N1101	5
Silver	N2180.4 PL	2CLA218040N1301	5
Anthracite	N2180.4 AN	2CLA218040N1801	5
Champagne	N2180.4 CV	2CLA218040N1901	5



LED MUR signaling light - 1M

Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: white LED.

Luminous flux: > 2 lumen at 1 meter.

Green diffuser.

interlocked switch.

Make Up Room (MUR) symbol.

To be controlled with N2244.5 DND/MUR 2-gang interlocked switch.

White	N2180.5 BL	2CLA218050N1101	5	
Silver	N2180.5 PL	2CLA218050N1301	5	
Anthracite	N2180.5 AN	2CLA218050N1801	5	
Champagne	N2180.5 CV	2CLA218050N1901	5	



DND/MUR 2-gang interlocked switch - 2M

Rated voltage: 110 - 250 Vac. Rated current: 16 AX.

Interlocked gangs.

Gang 1: Make Up Room (MUR) green symbol.

Gang 2: Do Not Disturb (DND) red symbol.

To control N2180.4 & N2180.5 DND/MUR signaling lights or N2280.4 DND/MUR push-button.

White	N2244.5 BL	2CLA224450N1101	5	
Silver	N2244.5 PL	2CLA224450N1301	5	
Anthracite	N2244.5 AN	2CLA224450N1801	5	
Champagne	N2244.5 CV	2CLA224450N1901	5	





Bell push-button with DND/MUR LED indicator - 2M

Rated voltage: 110 - 250 Vac

Rated current: 10A

Red Do Not Disturb and green Make Up Room LED signaling included.

Push-button with bell symbol.

To be connected to N2244.4 or N2244.5 DND/MUR room module and N2224 or N2224.1 electronic bell or N2119 or N2219 buzzer.

White	N2280.4 BL	2CLA228040N1101	5	
Silver	N2280.4 PL	2CLA228040N1301	5	
Anthracite	N2280.4 AN	2CLA228040N1801	5	
Champagne	N2280.4 CV	2CLA228040N1901	5	



DND/MUR 2-gang switch - 2M Rated voltage: 110 - 250 Vac.

Rated current: 16A.

Non interlocked gangs.

Gang 1: Make Up Room (MUR) green symbol and indicator LED lamp.

Gang 2: Do Not Disturb (DND) red symbol and indicator

LED lamp. To be connected to N2280.4 corridor module.

White	N2244.4 BL	2CLA224440N1101	5
Silver	N2244.4 PL	2CLA224440N1301	5
Anthracite	N2244.4 AN	2CLA224440N1801	5
Champagne	N2244.4 CV	2CLA224440N1901	5

Zenit

Signaling and lighting systems

N2281.1

2CLA228110N1001

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.
	LED white signal	ing light - 1M 7-230 Vac / 50-60 Hz.			LED red signalin	i g light - 1M 27-230 Vac / 50-60 Hz.
	Lamp: white LED				Lamp: white LED	
		2 lumen at 1 meter.		100		2 lumen at 1 meter.
	White diffuser.				Red diffuser.	
White	N2180 BL	2CLA218000N1101	5	Red	N2180 RJ	2CLA218000N160
	LED warm white	signaling light - 1M			LED red signalin	g light - 1M
	_	7-230 Vac / 50-60 Hz.			_	27-230 Vac / 50-60 Hz.
	Lamp: white LED.	. 2.700 Kelvin. x: < 0,5 lumen at 0,3 meter.			Lamp: white LED	2 lumen at 1 meter.
	White diffuser.	,,, o,o .ae. at 0,0ete			Green diffuser.	2 14111011 40 2 11100011
White	N2180.1 BL	2CLA218010N1101	5	Green	N2180 VD	2CLA218000N1801
				-	,	
	LED signaling lig	ht - 2M 7-230 Vac / 50-60 Hz.				
	Lamp: white LED					
		2 lumen at 1 meter.				
	White diffuser.					
White	N2280 BL	2CLA228000N1101	1			
	LED DND/MUR si	gnaling light - 2M				
		7-230 Vac / 50-60 Hz.				
	Lamp: red/green					
	White diffuser.	2 lumen at 1 meter.				
White	N2280.2 RJ/VD	2CLA228020N1101	1			
	Beacon LED light					
	Rated voltage: 23 Lamp: white LED	•				
	•	2 lumen at 1 meter.				
	White diffuser.					
	-	rs (1 hour at maximum illum	nination 2			
	hours with lower Battery: Ni-MH (e	estimated lifetime: 4 years).				
White	N2281 BL	2CLA228100N1101	1			
	Labels for signal	ing / beacon lights - 2M				
🛉 🏟 🖎	_	ools for signaling and beaco	n lights code:			
wc	N2280, N2280.2 8					
SALIDA		en", "WC women", "No smok handic.", "WC", "Salida" and				
5 BLANCO	label.	, , Sanda und				

Buzzer / Door bell

Blank covers / Cable outlets

Color	Article-No.	Order-No.	Pack/Qt
			,
	Buzzer - 1M		

Rated voltage: 127-230 Vac / 50-60 Hz.

Rated power: 8 VA. Adjustable tone.

Acoustic power at 1 meter with cover plate: 75 dB.

Color	Article-No.	Order-No.	Pack/Qty



Blank cover plate - 1M

Blank cover plate for spare spaces.

Size: 1 module.

N2119 BL	2CLA211900N1101	10	
N2119 PL	2CLA211900N1301	10	
N2119 AN	2CLA211900N1801	10	
N2119 CV	2CLA211900N1901	10	
	N2119 PL N2119 AN	N2119 PL 2CLA211900N1301 N2119 AN 2CLA211900N1801	N2119 PL 2CLA211900N1301 10 N2119 AN 2CLA211900N1801 10



Buzzer - 2M

Rated voltage: 127-230 Vac / 50-60 Hz.

Rated power: 8 VA. Adjustable tone.

Acoustic power at 1 meter with cover plate: 75 dB.

White	N2100 BL	2CLA210000N1101	10
Silver	N2100 PL	2CLA210000N1301	10
Anthracite	N2100 AN	2CLA210000N1801	10
Champagne	N2100 CV	2CLA210000N1901	10



Blank cover plate - 2M

Blank cover plate for spare spaces.

Size: 2 modules.

White	N2219 BL	2CLA221900N1101	10
Silver	N2219 PL	2CLA221900N1301	10
Anthracite	N2219 AN	2CLA221900N1801	10
Champagne	N2219 CV	2CLA221900N1901	10



Electronic door bell 230 Vac - 2M

Rated voltage: 230 Vac / 50-60 Hz.

4 melodies available.

Acoustic power at 1 meter with cover plate: 72 dB.

White	N2200 BL	2CLA220000N1101	20
Silver	N2200 PL	2CLA220000N1301	20
Anthracite	N2200 AN	2CLA220000N1801	20
Champagne	N2200 CV	2CLA220000N1901	20



Cable outlet - 1M

Maximum cable diameter: 6 mm.

Cable tie included.

White	N2224 BL	2CLA222400N1101	1	
Silver	N2224 PL	2CLA222400N1301	1	
Anthracite	N2224 AN	2CLA222400N1801	1	
Champagne	N2224 CV	2CLA222400N1901	1	



Electronic door bell 127 Vac - 2M

Rated voltage: 127 Vac / 60 Hz.

4 melodies available.

Acoustic power at 1 meter with cover plate: 72 dB.

White	N2107 BL	2CLA210700N1101	10	
Silver	N2107 PL	2CLA210700N1301	10	
Anthracite	N2107 AN	2CLA210700N1801	10	
Champagne	N2107 CV	2CLA210700N1901	10	



Cable outlet - 2M

Maximum cable diameter: 6 mm.

Cable tie included.

White	N2224.1 BL	2CLA222410N1101	1
Silver	N2224.1 PL	2CLA222410N1301	1
Anthracite	N2224.1 AN	2CLA222410N1801	1
Champagne	N2224.1 CV	2CLA222410N1901	1

White	N2207 BL	2CLA220700N1101	10
Silver	N2207 PL	2CLA220700N1301	10
Anthracite	N2207 AN	2CLA220700N1801	10
Champagne	N2207 CV	2CLA220700N1901	10

Zenit - Sound system

Multiroom Bluetooth system

FM radio with alarm

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
Multiroom sound module Rated voltage: 127-230 Vac ± 15%; 50-60 Hz. Max. consumption: 200 mA. Stand-by consumption: 0,3W. Amplifier power: 6+6 W; <1% distortion (4 Ω). Speaker impedance: 4 Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1. Multiroom function available (1 master device and up to 14 slave devices). Remote control using code 9368.2 (ZigBee 2.4GHz IEEE 802.15.4). Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output) and USB connection functions.			Rated voltage: 2 Max. consumpti Stand-by consur Amplifier power Speaker impeda FM radio digital Alarm clock with Optional: auxilia stereo input & 1 and Bluetooth re	mption: 0,2W. : $2+2$ W; $<1\%$ distortion (16 Ω unce: 16 Ω ($2+2$ W audio). tuner with RDS. h buzzer, radio types and sno ury module 9368.3 for I/O (1 n mini-jack stereo output), USI eceiver functions. lelivered with the cover plate	oze function. nini-jack B connection		
	9368.1	2CLA936810A1001	1		9368	2CLA936800A1001	1
E-many	Rated voltage: 1. Max. consumpti Stand-by consur To control 9368. module). Wireless connec (ZigBee 2.4GHz Optional: auxilia stereo input & 1 connection func	mption: 0,5W. 1 module (1 remote control f tion between moles 9368.1 a	for each and 9368.2 mini-jack d USB 3 module, the		Rated voltage: 1. Max. consumpti Stand-by consur Amplifier power Speaker impeda FM radio digital Alarm clock with Optional: auxilia stereo input & 1 and Bluetooth re	mption: 0,2W. :: 2+2 W; <1% distortion (16 Ω :nce: 16 Ω (2+2 W audio).	oze function. nini-jack B connection

9368.2

wired (3 wires).

fixing claws).

Cover plate code: N2268.

2CLA936820A1001

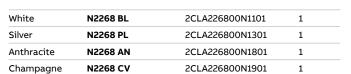
connection between modules 9368.1 and 9368.2 must be

Mounting grid delivered with the cover plate (without



Cover plate for radio/remote control modules

Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7.



Mounting grid delivered with the cover plate (without fixing claws).

Cover plate code: N2268.

9368.7



Cover plate for radio/remote control modules

Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7.

2CLA936870A1001

White	N2268 BL	2CLA226800N1101	1
Silver	N2268 PL	2CLA226800N1301	1
Anthracite	N2268 AN	2CLA226800N1801	1
Champagne	N2268 CV	2CLA226800N1901	1

Zenit - Sound system

Auxiliary module

Product	Article-No.	Order-No.	Pack/Qty

Auxiliary module - 2M

Power supply through 9368, 9368.2 or 9368.7 modules. Max. consumption: 200 mA.

Stand-by consumption: 0,4W.

Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1. USB connector: for MP3 and WAV files. Max. consumption

of the connected device: 100 mA @5Vdc. Input: 1x mini-jack stereo 3,5 mm.

Output: 1x mini-jack stereo 3,5 mm.

 $\label{thm:mounting$

fixing claws).

Cover plate code: N2268.3.

 9368.3	2CLA936830A1001	1



Cover plate for I/O + USB + Bluetooth module

Cover plate for I/O + USB + Bluetooth module code: 9368.3.

White	N2268.3 BL	2CLA226830N1101	1	
Silver	N2268.3 PL	2CLA226830N1301	1	
Anthracite	N2268.3 AN	2CLA226830N1801	1	
Champagne	N2268.3 CV	2CLA226830N1901	1	

Bluetooth audio module

Color	Article-No.	Order-No.	Pack/Qty



Bluetooth sound module - 2M

Rated voltage: 110-230 Vac ± 15%; 50-60 Hz

Max. consumption: 7W

Stand-by consumption: 0,2W

Amplifier power: 2+2 W; <1% distortion (16 Ω) Speaker impedance: 16 Ω (2+2 W audio)

Audio inputs:

- Bluetooth: stereo Bluetooth® 4 version receiver with A2DP-SINK profile and memory for 8 links.
- Front input (AUX): 1x mini-jack stereo 3,5 mm.
- Rear input (TV): screw type terminal with 3 contacts (stereo).

Mounting grid delivered with the cover plate (without fixing claws).

Cover plate code: N2268.4

9368.4 2CLA936840A1001 1



Cover plate for Bluetooth sound module

Cover plate for Bluetooth sound module code: 9368.4.

White	N2268.4 BL	2CLA226840N1101	1
Silver	N2268.4 PL	2CLA226840N1301	1
Anthracite	N2268.4 AN	2CLA226840N1801	1
Champagne	N2268.4 CV	2CLA226840N1901	1

Zenit - Sound system

Auxiliary amplifier

Product Article-No. Order-No. Pack/Qty



Auxiliary 20W amplifier

Rated voltage: 230 Vac \pm 10 % / 50-60 Hz. Power consumption: 3,5 VA (max. 36 VA).

Output voltage: 15 V- (max. 1,5 A).

Output power:

 $-10 + 10 W (2 \Omega)$.

- 20 W (4 Ω).

Speaker impedance:

- 2 - 16 Ω (10 + 10 W).

- 4 - 16 Ω (20 W).

Can be operated in booster mode with FM radio modules 9368 and 9368.7 and multiroom modules 9368.1.

Can be operated in ""standalone"" mode with one audio input.

Can be used in bridge operation.

For extending the number of speakers at one amplifier insert.

For max. 16 speakers code 9329 or 9329.1. DIN-rail installation. Module width: 7.

Speaker connection unit



Speaker connection unit - 2M

Front: 2x spring speaker terminals (Red/Black). Rear: 2x screw terminals.

White	N2257.1 BL	2CLA225710N1101	1
Silver	N2257.1 PL	2CLA225710N1301	1
Anthracite	N2257.1 AN	2CLA225710N1801	1
Champagne	N2257.1 CV	2CLA225710N1901	1

2" loudspeaker for wall

Product	Article-No.	Order-No.	Pack/Qty



2" loudspeaker 2 W

Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.4, 9368.7 and 9335.1.

With broadband characteristics.

With screwless terminals.

Rated output: 2 W (RMS).

Frequency response: 150 - 16.000 Hz.

Impedance: 16 Ohm. Mounting depth: 34 mm.

Without fixing claws.

Cover plate code: N2229, 8629 & 9399.4.

9329	2CLA932900A1001	1	



Cover plate for 2" loudspeaker

Cover plate for 2" loudspeaker code: 9329.

White	N2229 BL	2CLA222900N1101	5
Silver	N2229 PL	2CLA222900N1301	5
Anthracite	N2229 AN	2CLA222900N1801	5
Champagne	N2229 CV	2CLA222900N1901	5



Embellishing grid for 2" loudspeaker

Embellishing grid for 2" loudspeaker code: 9329. Plastic material.

White	9399.4 BA	2CLA939940A1001	5
Black	9399.4 NG	2CLA939940A1501	5

Zenit - Sound system

Loudspeakers for ceiling

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack
	9368.1, 9368.4, 9 With broadband With screw term Rated output: 6 Frequency respondence: 16 C	n sound modules and amplifi 9368.7 and 9335.1. I characteristics. Iinals. W (RMS). onse: 70 - 10.000 Hz. Ohm. nstallation with 9399 mounti			Compatible with 9368, 9368.1, 936 2-way system. For mounting in With spring brac In corrosion-resi With integrated With screwless t Nominal power:	stant metal design. loudspeaker grid. erminals. 30 W onse: 50 - 20.000 Hz	er code:
	9329.1	2CLA932910A1001	1		Drilling measure Mounting depth	ments: 165 mm.	
	Installation box For 9329.1 louds	for 5" loudspeaker peaker.			8226/10 EB	2CKA008200A0202	1
	For flush-mount Drilling measure Mounting depth	ements: 174 mm.			9368, 9368.1, 936	sound modules and amplific 58.4, 9368.7 and 9335.1.	er code:
	9399	2CLA939900A1001	12			hollow walls/ceilings.	
O ,	For 9329.1 louds For mounting in With spring brad Drilling measure Mounting depth	hollow walls/ceilings. ckets. ements: 160 mm. : 110 mm.			With integrated With screwless t Nominal power:	stant metal design. loudspeaker grid. erminals. 30 W onse: 50 - 20.000 Hz nm ments: 165 mm	
	9399.1	2CLA939910A1001	12				
	Embellishing gri	rid for 5" loudspeaker id for 5" loudspeaker code: 93	329.1.		8226 EB	2CKA008200A0201	1
	Plastic material. With central fixa				9368, 9368.1, 936 With broadband	sound modules and amplific 58.4, 9368.7 and 9335.1.	er code:
	9399.2	2CLA939920A1001	12		With spring brac In corrosion-resi	kets. stant metal design. loudspeaker grid.	

With screwless terminals.

Impedance: 8 Ohm

8225 EB

Nominal power: 10 W Frequency response: 90 - 20.000 Hz

2CKA008200A0200

1

Drilling measurements: 90 mm Mounting depth: 38 mm

Zenit - ABB i-bus® KNX

Sensors

Product Article-No. Order-No. Pack/Qty Product Article-No. Order-No. Pack/Qty KNX sensor - 1/2-gang - 2M KNX sensor - 3/6-gang with IR receiver - 2M For ABB i-bus® KNX. Support of KNX functions through innovative colour Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function magenta=scene and white=neutral/no function assigned) or standard illumination red/green. assigned) or standard illumination red/green. The accompanying symbol can be replaced by the The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, szene and symbols for lighting, blinds, room thermostat, szene and FanCoil. FanCoil. Push switch function: switching / dimming / blind / Push switch function: switching / dimming / blind / sending values / scenes etc. sending values / scenes etc. Incl. 10 logic channels (light scene actuator, sequence Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). actuator, logic gates, etc.). Control element: Switch contacts Control element: Switch contacts Display elements: LED to indicate the function. Display elements: LED to indicate the function. Temperature range (Device): -5 °C to 45 °C. Temperature range (Device): -5 °C to 45 °C. To be installed with N2221.2 cover plates. To be installed with N2221.7 cover plates. 6125/98-509 2CKA006115A0444 6129/98-509 2CKA006118A0108



KNX sensor - 2/4-gang - 2M

For ABB i-bus® KNX.

Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, szene and FanCoil.

Push switch function: switching / dimming / blind / sending values / scenes etc.

Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).

Control element: Switch contacts.

Display elements: LED to indicate the function. Temperature range (Device): -5 $^{\circ}$ C to 45 $^{\circ}$ C. To be installed with N2221.4 cover plates.

6126/98-509

2CKA006116A0219

1



KNX sensor - 3/6-gang - 2M

For ABB i-bus® KNX.

Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, szene and FanCoil.

Push switch function: switching / dimming / blind / sending values / scenes etc.

Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).

Control element: Switch contacts.

Display elements: LED to indicate the function. Temperature range (Device): -5 °C to 45 °C. To be installed with N2221.6 cover plates.

6129/96-509

2CKA006118A0105

1

Room temperature controller



KNX room temperature controller - 2M

For ABB i-bus® KNX.

Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators. The controller is a thermostat for Fan Coil units in 2 - and 4-pipe systems and conventional heating or cooling systems.

The fan stage can be switched manually or in automatic mode.

Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).

Switch contacts for operating mode selection and dial for setpoint or fan speed adjustment.

Display elements: LCD showing operation modes. Temperature range (Device): -5 $^{\circ}$ C to 45 $^{\circ}$ C. To be installed with N2240.4 cover plates.

6124/98-509

2CKA006134A0297

1

Motion sensor



KNX 180° motion sensor - 2M

For ABB i-bus® KNX.

Movement detector with up to 4 channels. Protection class (Device): IP 20.

Temperature range (Device): -5 °C to 45 °C. Detection range: frontal: 6 m, lateral: 6 m. Brightness limit value: 5 Lux - 150 Lux.

Detection angle: 180 °

Dimensions: (L x W x D): 53 mm x 44 mm. Position for installation: vertical.

Mounting height: 1.1 m.

To be installed with N2241.4 cover plates.

6122/98-509

2CKA006132A0307

1

Zenit - ABB i-bus® KNX

Covers for sensors

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
•	•	X 1/2-gang sensors - 2M (NX sensors 1/2-gang code:		41 42	Cover plate - KN Cover plate for K 6124/98-509.	X RTC - 2M NX RTC sensors code:	
White	N2221.2 BL	2CLA222120N1102	1	White	N2240.4 BL	2CLA224040N1102	1
Silver	N2221.2 PL	2CLA222120N1302	1	Silver	N2240.4 PL	2CLA224040N1302	1
Anthracite	N2221.2 AN	2CLA222120N1802	1	Anthracite	N2240.4 AN	2CLA224040N1802	1
Champagne	N2221.2 CV	2CLA222120N1902	1	Champagne	N2240.4 CV	2CLA224040N1902	1
• •	•	X 2/4-gang sensors - 2M (NX sensors 2/4-gang code:			Cover plate - KN Cover plate for K 6124/98-509.	X RTC - 2M NX RTC sensors code:	
White	N2221.4 BL	2CLA222140N1102	1	White	N2241.4 BL	2CLA224140N1102	1
Silver	N2221.4 PL	2CLA222140N1302	1	Silver	N2241.4 PL	2CLA224140N1302	1
Anthracite	N2221.4 AN	2CLA222140N1802	1	Anthracite	N2241.4 AN	2CLA224140N1802	1
Champagne	N2221.4 CV	2CLA222140N1902	1	Champagne	N2241.4 CV	2CLA224140N1902	1
000		X 3-gang sensors - 2M KNX sensors 3/6-gang code:	:	Buttons	with symb	ols	



White	N2221.6 BL	2CLA222160N1102	1	
Silver	N2221.6 PL	2CLA222160N1302	1	
Anthracite	N2221.6 AN	2CLA222160N1802	1	
Champagne	N2221 6 CV	2CL A222160N1902	1	



Cover plate - KNX 3-gang sensors with IR - 2M Cover plate for KNX sensors 3/6-gang with IR receiver code: 6129/98-509.

White	N2221.7 BL	2CLA222170N1102	1
Silver	N2221.7 PL	2CLA222170N1302	1
Anthracite	N2221.7 AN	2CLA222170N1802	1
Champagne	N2221.7 CV	2CLA222170N1902	1



KNX button with symbol

Button with ABB i-bus® KNX symbol for sensor's cover plates code: N2221.2, N2221.4, N2221.6 and N2221.7.

- 6123/20-500: light symbol. 6123/21-500: blind symbol.
- 6123/22-500: scene symbol.
- 6123/23-500: RTC symbol.
- 6123/24-500: ceiling light symbol. 6123/26-500: fan coil symbol.

Gray	6123/20-500	2CKA006123A0001	1
Gray	6123/21-500	2CKA006123A0002	1
Gray	6123/22-500	2CKA006123A0003	1
Gray	6123/23-500	2CKA006123A0004	1
Gray	6123/24-500	2CKA006123A0005	1
Gray	6123/26-500	2CKA006123A0006	1

Zenit - ABB-free@home®

Sensors

Pack/Qty Product Article-No. Order-No



free@home Sensor unit 1-gang - 2M

For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABBfree@home® 2 fold push buttons.

Control element: Switch contacts top/bottom.

Display elements: LED as light for orientation or display. of switching state.

Protection class of device: IP 20. Mounting depth: 14,1 mm.

To be installed with SR-2-N2 cover plates.

SU-F-1.0.PB.1

2CKA006220A0222



free@home Sensor unit 2-gang - 2M

For sending switching, dimming and blind commands. to an ABB-free@home® actuator. To be used with ABB-free@home® 4 fold push buttons. Control element: Switch contacts top/bottom.

Display elements: LED as light for orientation or display

of switching state.

Protection class of device: IP 20. Mounting depth: 14,1 mm.

To be installed with SR-4-N2 cover plates.

SU-F-2.0.PB.1

2CKA006220A0223

Sensor & switch actuators



free@home Sensor/Switch actuator 1/1-gang - 2M

For switching 127/230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 2 fold push buttons. Outputs: 1× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX.

Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-2-N2 cover plates.

SSA-F-1.1.PB.1

2CKA006220A0232



free@home Sensor/Switch actuator 2/1-gang - 2M

For switching 127/230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 4 fold push buttons. Outputs: 1× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A.

Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX.

Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-4-N2 cover plates.

SSA-F-2.1.PB.1 2CKA006220A0233

Sensor & switch actuators

Product	Article-No.	Order-No.	Pack/Qty



free@home Sensor/Switch actuator 2/2-gang - 2M

For switching 127/230 V~ devices. With 1 integrated switch actuator. Switching function is available preconfigured.

Use with ABB-free@home® 4 fold push buttons. Outputs: 2× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A. Rated power: 2 x 1200 W. Suitable for: capacitive Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-4-N2 cover plates.

Sensor & dimmer actuators

SSA-F-2.2.PB.1



free@home Sensor/Dimmer actuator 1/1-gang - 2M

2CKA006220A0234

For dimming 127/230 V~ loads. With integrated universal dimming.

Actuator for controlling different lamps. The dimming function.

Is available pre-configured. Use with

ABB-free@home® 2 fold.

Push buttons.

Outputs: 1× dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage. Halogen lamps with conventional transformers or electronic.

Transformers.

Rated power: 10-180 W/VA.

Suitable for: LEDi and energy-saving bulbs.

Rated power: 2-80 W/VA. Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-2-N2 cover plates.

SDA-F-1.1.PB.1 2CKA006220A0235



free@home Sensor/Dimmer actuator 2/1-gang - 2M

For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured. Use with ABB-free@home® 4 fold push buttons.

Outputs: 1× dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or

electronic transformers. Rated power: 10-180 W/VA.

Suitable for: LEDi and energy-saving bulbs.

Rated power: 2-80 W/VA. Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-4-N2 cover plates.

SDA-F-2.1.PB.1 2CKA006220A0236

Zenit - ABB-free@home®

Sensor & blind actuators

Article-No.

Motion sensor & actuators

Article-No.

SBA-F-1.1.PB.1	2CKA006220A0237 1		free@home 180°	motion sensor/actuator
			MD-F-1.0.PB.1	2CKA006220A0229
For controlling blind actuator. Blind actuator. Blind actuator. Blind actuator. Blind actuator. It changes actuated power: 920' Rated power: 920' Rated current: 4 A Suitable for: Opera Protection class of Mounting depth: 3	VA. ating mode blind. f device: IP 20.	The second second second second second	With select lens for automatic switch dependent on more with ABB-free@hidetector. Detection range: Detection angle: Brightness limit verotection class of Mounting depth:	alue: 1 – 500 lux. of device: IP 20.

Pack/Qty

Product



Product

free@home Sensor/Blind actuator 2/1-gang - 2M

Order-No.

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. To be used with ABB-free@home® 4 fold push buttons. Outputs: 1× Change-over contacts/normally open

contact, potential-bound. Rated power: 920 VA. Rated current: 4 A.

Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-4-N2 cover plates.

SBA-F-2.1.PB.1 2CKA006220A0238

Sensor & dimmer actuators



free@home Room temperature controller - 2M

Room temperature control function for controlling commercially available valve drives or analogue valve drives (continuous controllers).

With display of set-value temperature. Only to be used with ABB-free@home® Zenit cover plates for room

Display elements: LCD Display showing operation modes. Protection class of device: IP 20.

Mounting depth: 17,9 mm.

To be installed with CP-RTC-N2 or CP-RTC-FC-N2 cover

RTC-F-1.PB 2CKA006220A0276



sensor - 2M

ion with animal access. For BB-free@home® actuators and brightness. To be used nit cover plates for movement

Order-No.

free@home 180° motion sensor/actuator - 2M With select lens for detection with animal access.

Including an integrated actuator for switching 230 $V\sim$ devices. To be used with ABB-free@home® Zenit cover plates for movement detector.

Outputs: 1× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX.

Detection range: frontal 6 m, lateral 3 m.

Detection angle: 180°.

Brightness limit value: 1 - 500 lux. Protection class of device: IP 20. Mounting depth: 31.5 mm.

To be installed with CP-MD-N2 cover plates.

MSA-F.1.1.PB.1 2CKA006220A0231

Sensors - Wireless

Sensors & switch actuators - Wireless

Pack/Qty

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	P
free@home Wireless sensor unit 1-gang - 2M Wireless communication with the system. For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 2 fold push buttons. Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display. of switching state. Protection class of device: IP 20. Mounting depth: 14,1 mm.			free@home Wireless sensor/ Switch actuator 2/2-gang - 2M Wireless communication with the sy For switching 230 V~ devices. With switch actuator. Switching function preconfigured. Use with ABB-free@home® 4 fold p Outputs: 2× normally open contact, Suitable for: resistive. Rated current: 10 A. Rated power: 2 x 1200 W.		r 2/2-gang - 2M unication with the system 10 V~ devices. With 1 inte- Switching function is avee@home® 4 fold push b mally open contact, pote stive. 2 A.	grated ailable uttons.	
0 0	free@home Wire Wireless commur For sending switto an ABB-free@l	th SR-2-N2 cover plates. 2CKA006200A010 Lless sensor unit 2-gang ication with the system ching, dimming and blind nome® actuator. To be use 4 fold push buttons.	g - 2M d commands		Suitable for: cap Rated current: 10 Protection class Mounting depth	acitive. DAX. of device: IP 20. : 31,5 mm. rith SR-4-N2 cover plates	

Sensors & dimmer actuators - Wireless



free@home Wireless sensor/ Dimmer actuator 1/1-gang - 2M

Wireless communication with the system. For dimming 230 V~ loads. With integrated universal

dimmina.

Actuator for controlling different lamps.

The dimming function.

Is available pre-configured. Use with

ABB-free@home® 2 fold. Push buttons.

Outputs: 1× dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage.

Halogen lamps with conventional transformers or electronic. Transformers.

Rated power: 10-180 W/VA.

Suitable for: LEDi and energy-saving bulbs.

Rated power: 2-80 W/VA Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-2-N2 cover plates.

2CKA006200A0111 SDA-F-1.1.PB.1-WL



free@home Wireless sensor/ Dimmer actuator 2/1-gang - 2M

Wireless communication with the system.

For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured.

Use with ABB-free@home® 4 fold push buttons.

Outputs: 1× dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Rated power: 10-180 W/VA.

Suitable for: LEDi and energy-saving bulbs.

Rated power: 2-80 W/VA. Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-4-N2 cover plates.

SDA-F-2.1.PB.1-WL 2CKA006200A0112

Zenit - ABB-free@home®



Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display. of switching state.

Protection class of device: IP 20. Mounting depth: 14,1 mm.

To be installed with SR-4-N2 cover plates.

SU-F-2.0.PB.1-WL

2CKA006200A0107

Sensors & switch actuators - Wireless



free@home Wireless sensor/ Switch actuator 1/1-gang - 2M

Wireless communication with the system. For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 2 fold push buttons.

Outputs: 1× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX.

Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-2-N2 cover plates.

SSA-F-1.1.PB.1-WL

2CKA006200A0108



free@home Wireless sensor/ Switch actuator 2/1-gang - 2M

Wireless communication with the system.

For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 4 fold push buttons.

Outputs: 1× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX.

Protection class of device: IP 20. Mounting depth: 31,5 mm.

To be installed with SR-4-N2 cover plates.

SSA-F-2.1.PB.1-WL

2CKA006200A0109

Zenit - ABB-free@home®

Sensors & blind actuators - Wireless

Room temperature controllers - Wireless

Product	Article-No.	Order-No.	Pack/Qty				
		'					
A	free@home Wireles	ss sensor/					
HI	Blind actuator 1/1-	gang - 2M					
ABB 1727 & EB	Wireless communica	ation with the system.					
	For controlling blind	and awning motors. With	1				
	integrated blind actuator. Blind function is available pre-configured.						
	To be used with ABB-free@home® 2 fold push						
	buttons.						
	Outputs: 1× Change	-over contacts/normally o	pen				
	contact, potential-b	ound.					
	Rated power: 920 VA	A .					
	Rated current: 4 A.						
	Suitable for: Operat	Suitable for: Operating mode blind.					
	Protection class of o	Protection class of device: IP 20.					
	Mounting depth: 31,5 mm.						
	To be installed with	SR-2-N2 cover plates.					
	SBA-F-1.1.PB.1-WL	2CKA006200A0113	1				
		'					



free@home Wireless sensor/ Blind actuator 2/1-gang - 2M

Wireless communication with the system.

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured.

To be used with ABB-free@home® 4 fold push buttons.

Outputs: 1× Change-over contacts/normally open contact, potential-bound.

Rated power: 920 VA.

Rated current: 4 A.

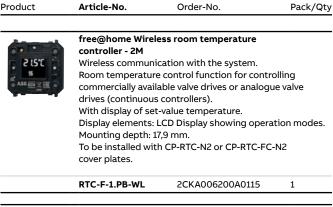
Suitable for: Operating mode blind.

Protection class of device: IP 20.

Mounting depth: 31,5 mm.

To be installed with SR-4-N2 cover plates.

SBA-F-2.1.PB.1-WL 2CKA006200A0114





free@home Wireless RTC / Heating actuator - 2M

Wireless communication with the system.

Heating/cooling operation.

Control element with room temperature controller function.

With display of set-value temperature.

With integrated switch actuator, e.g. for controlling thermoelectric actuating drives in heating/cooling systems or electric floor heating systems.

RTC function is available also without prior programming (pre-configured).

3 wire connection (neutral conductor required). Control element: Floating rocker for the selection of set

values and operating modes

Display elements: LCD showing operation modes Rated voltage: 230 V~ / 50-60 Hz

Outputs: 1 Normally open contact, potential-bound

Suitable for: ohmic Rated current: 16 A Output voltage: 230 V~ Rated power: 3680 W Mounting depth: 32 mm.

To be installed with CP-RTC-N2 cover plates.

RTC-F-2.1-1.PB-WL 2CKA006200A0116

Motion sensor & actuator - Wireless



free@home Wireless 180° motion sensor/

Wireless communication with the system. With select lens for detection with animal access. Including an integrated actuator for switching 230 V~ devices. To be used with ABB-free@home® Zenit cover plates for movement detector.

Outputs: 1× normally open contact, potential free.

Suitable for: resistive. Rated current: 10 A Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX.

Detection range: frontal 6 m, lateral 3 m.

Detection angle: 180°

Brightness limit value: 1 - 500 lux. Protection class of device: IP 20. Mounting depth: 31.5 mm.

To be installed with CP-MD-N2 cover plates.

2CKA006200A0117 MSA-F-1.1.1-WL

Color

Zenit - ABB-free@home®

Covers for sensors & actuators

Buttons with symbols

Article-No.

Color	Article-No.	Order-No.	Pack/Qty	
	Cover plate for fi	e@home 1-gang sensors - 2 ree@home sensors and sens	or/actuators	
	SDA-F-1.1.PB.1 and SBA-F-1.1.PB.1. Included: 2 buttons without symbol.			
White	SR-2-N2 BL	2CLA222620N1102	5	
Silver	SR-2-N2 PL	2CLA222620N1302	5	
Anthracite	SR-2-N2 AN	2CLA222620N1802	5	
Champagne	SR-2-N2 CV	2CLA222620N1902	5	
Cover plate - free@home 2-gang sensors - 2M Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.PB.1, SSA-F-2.1.PB.1, SSA-F-2.1.PB.1, SDA-F-2.1.PB.1 and SBA-F-2.1.PB.1. Included: 4 buttons without symbol.				
White	SR-4-N2 BL	2CLA222640N1102	5	
Silver	SR-4-N2 PL	2CLA222640N1302	5	

	Button with free@home symbol for sensor and sensor/ actuator's cover plates code: SR-2-N2 and SR-4-N2 SBL: light symbol SBB: blind symbol SBS: scene symbol SBD: dimmer symbol.				
White	SBL-N2BL	2CLA202610N1102	20		
Gray	SBL-N2GR	2CLA202610N1402	20		
White	SBB-N2BL	2CLA202620N1102	20		
Gray	SBB-N2GR	2CLA202620N1402	20		
White	SBS-N2BL	2CLA202630N1102	20		
Gray	SBS-N2GR	2CLA202630N1402	20		
White	SBD-N2BL	2CLA202640N1102	20		
Gray	SBD-N2GR	2CLA202640N1402	20		

free@home button with symbol

Order-No.

Pack/Qty



Anthracite

Champagne

Cover plate - free@home RTC - 2M

SR-4-N2 AN

SR-4-N2 CV

Cover plate with RTC symbols for free@home room temperature controler code RTC-F-1.PB.

2CLA222640N1802

2CLA222640N1902

White	CP-RTC-N2 BL	2CLA224060N1102	5
Silver	CP-RTC-N2 PL	2CLA224060N1302	5
Anthracite	CP-RTC-N2 AN	2CLA224060N1802	5
Champagne	CP-RTC-N2 CV	2CLA224060N1902	5



Cover plate - free@home fan coil control - 2M

Cover plate with fan coil control symbols for free@home room temperature controler code RTC-F-1.PB.

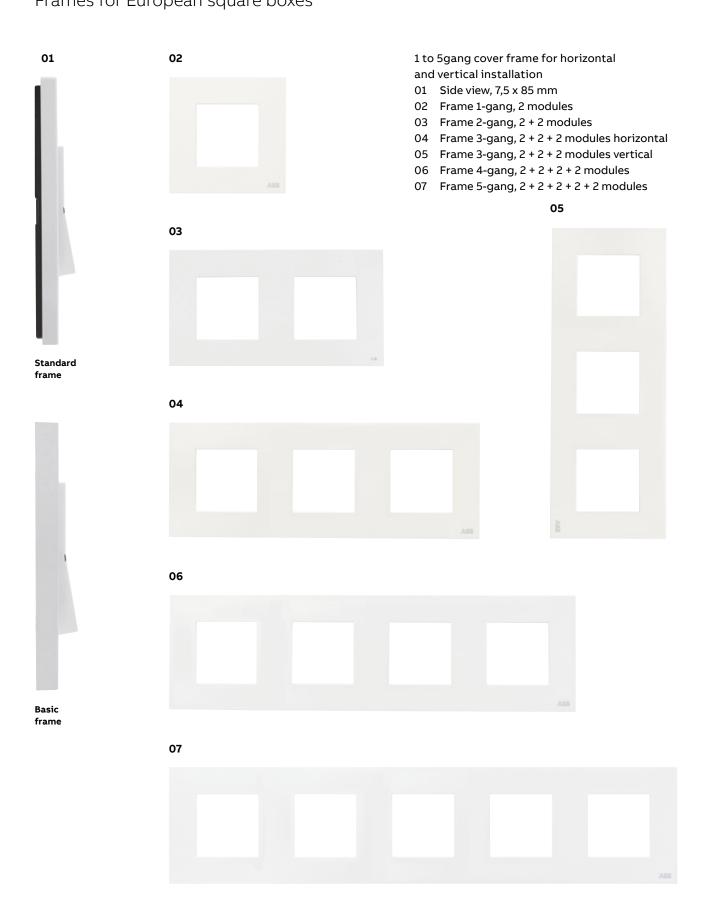
White	CP-RTC-FC-N2 BL	2CLA225420N1102	5
Silver	CP-RTC-FC-N2 PL	2CLA225420N1302	5
Anthracite	CP-RTC-FC-N2 AN	2CLA225420N1802	5
Champagne	CP-RTC-FC-N2 CV	2CLA225420N1902	5



Cover plate - free@home motion sensor - 2M Cover plate for free@home motion sensors and sensor/ actuators code: MD-F-1.0.PB.1 and MSA-F.1.1.PB.1.

White	CP-MD-N2 BL	2CLA224160N1102	5
Silver	CP-MD-N2 PL	2CLA224160N1302	5
Anthracite	CP-MD-N2 AN	2CLA224160N1802	5
Champagne	CP-MD-N2 CV	2CLA224160N1902	5

ZenitFrames for European square boxes



Frames for European square boxes





СВ



СР



PL



CN



CC



ΑN



CF



ОХ



cv



СН



WG



Zenit

BL White PL Silver AN Anthracite CV Champagne

Zenit Noble

CB White Glass
CN Black Glass
CF Graphite Glass
CH Champagne Glass

- CP Pearl Glass
- CC Coffee Glass
- OX Stainless Steel
- WG Wenge
- PZ Slate

PΖ



Zenit - Frames for European boxes

White - Basic

Anthracite - Basic

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty	Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
		Color: White Size (height x - 1-gang: 85 x - 2-gang: 85 x - 4-gang: 85 x Mounting grid distance boxe Flush mountin	85 mm. 156 mm. 227 mm.	12272.9 9 & 1999.2		AME	Color: Anthrac Size (height x - 1-gang: 85 x - 2-gang: 85 x - 3-gang: 85 x - 4-gang: 85 x Mounting grid distance boxe Flush mountin	width): 85 mm. 156 mm. 227 mm.	n. screw 2272.9 8 1999.2
1-gang	1	N2171.1 BL	2CLA217110N1102	20					
1-gang	2	N2271.1 BL	2CLA227110N1102	20	1-gang	2	N2271.1 AN	2CLA227110N1802	20
2-gang	2+2	N2272.1 BL	2CLA227210N1102	10	2-gang	2+2	N2272.1 AN	2CLA227210N1802	10
3-gang	2+2+2	N2273.1 BL	2CLA227310N1102	5	3-gang	2+2+2	N2273.1 AN	2CLA227310N1802	5
	2+2+2+2	N2274.1 BL	2CLA227410N1102	5	1 0000	2+2+2+2	N2274.1 AN	2CLA227410N1802	5

Silver - Basic



Frames 1 to 4-gang - Basic - Silver

Color: Silver

Size (height x width):

- 1-gang: 85 x 85 mm.
- 2-gang: 85 x 156 mm.
- 3-gang: 85 x 227 mm.
- 4-gang: 85 x 298 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang 2	N2271.1 PL	2CLA227110N1302	20	
2-gang 2+2	N2272.1 PL	2CLA227210N1302	10	
3-gang 2+2+2	N2273.1 PL	2CLA227310N1302	5	
4-gang 2+2+2+2	N2274.1 PL	2CLA227410N1302	5	

Champagne - Basic



Frames 1 to 4-gang - Basic - Champagne

Color: Champagne

Size (height x width): - 1-gang: 85 x 85 mm.

- 2-gang: 85 x 156 mm.
- 3-gang: 85 x 227 mm.
- 4-gang: 85 x 298 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271.1 CV	2CLA227110N1902	20	
2-gang	2+2	N2272.1 CV	2CLA227210N1902	10	
3-gang	2+2+2	N2273.1 CV	2CLA227310N1902	5	
4-gang	2+2+2+2	N2274.1 CV	2CLA227410N1902	5	

Zenit - Frames for European boxes

White

Anthracite

Modularity

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
		distance boxe Flush mountin	width): 85 mm. 156 mm. 227 mm. 298 mm.	2272.9 8 1999.2
1-gang	1	N2171 BL	2CLA217100N1102	20
1-gang 1-gang	1 2	N2171 BL N2271 BL	2CLA217100N1102 2CLA227100N1102	20
	2			
1-gang	2 2+2	N2271 BL	2CLA227100N1102	20
1-gang 2-gang	2 2+2 2+2+2	N2271 BL N2272 BL	2CLA227100N1102 2CLA227200N1102	20



Gangs

Frames 1 to 5-gang - Anthracite

Article-No.

Size (height x width):

- 1-gang: 85 x 85 mm.
- 2-gang: 85 x 156 mm.
- 3-gang: 85 x 227 mm.
- 4-gang: 85 x 298 mm.
- 5-gang: 85 x 369 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

Order-No.

1-gang	2	N2271 AN	2CLA227100N1802	20
2-gang	2+2	N2272 AN	2CLA227200N1802	10
3-gang	2+2+2	N2273 AN	2CLA227300N1802	5
4-gang	2+2+2+2	N2274 AN	2CLA227400N1802	5
5-gang	2+2+2+2+2	N2275 AN	2CLA227500N1802	5



Frames 1 to 5-gang - Silver

Color: Silver

Size (height x width):

- 1-gang: 85 x 85 mm.
- 2-gang: 85 x 156 mm.
- 3-gang: 85 x 227 mm.
- 4-gang: 85 x 298 mm.
- 5-gang: 85 x 369 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 PL	2CLA227100N1302	20
2-gang	2+2	N2272 PL	2CLA227200N1302	10
3-gang	2+2+2	N2273 PL	2CLA227300N1302	5
4-gang	2+2+2+2	N2274 PL	2CLA227400N1302	5
5-gang	2+2+2+2+2	N2275 PL	2CLA227500N1302	5

Champagne



Frames 1 to 5-gang - Champagne

Color: Champagne

Size (height x width):

- 1-gang: 85 x 85 mm.
- 2-gang: 85 x 156 mm. - 3-gang: 85 x 227 mm.
- 4-gang: 85 x 298 mm.
- 5-gang: 85 x 369 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 CV	2CLA227100N1902	20	
2-gang	2+2	N2272 CV	2CLA227200N1902	10	
3-gang	2+2+2	N2273 CV	2CLA227300N1902	5	
4-gang	2+2+2+2	N2274 CV	2CLA227400N1902	5	
5-gang	2+2+2+2+2	N2275 CV	2CLA227500N1902	5	

Gangs

Zenit - Frames for European boxes

Article-No.

White Glass

Modularity

Coffee Glass

Modularity

		Size (height > - 1-gang: 90 × - 2-gang: 90 > - 3-gang: 90 > - 4-gang: 90 > Mounting gri distance box Flush mounti	x 90 mm. x 161 mm. x 232 mm.	2272.9 & 1999.2
1-gang	2	N2271 CB	2CLA227100N3002	1
2-gang	2+2	N2272 CB	2CLA227200N3002	1
3-gang	2+2+2	N2273 CB	2CLA227300N3002	1
4-gang	2+2+2+2	N2274 CB	2CLA227400N3002	1

Order-No.

Frames 1 to 4-gang - Noble - White Glass



Gangs

Frames 1 to 4-gang - Noble - Coffee Glass

Order-No.

Pack/Qty

Color: Coffee Glass. Material: glass

Size (height x width):

Article-No.

- 1-gang: 90 x 90 mm. - 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 CC	2CLA227100N3702	1
2-gang	2+2	N2272 CC	2CLA227200N3702	1
3-gang	2+2+2	N2273 CC	2CLA227300N3702	1
4-gang	2+2+2+2	N2274 CC	2CLA227400N3702	1

Black Glass



1-gang 2-gang 3-gang

Frames 1 to 4-gang - Noble - Black Glass

Color: Black Glass. Material: glass Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

2CLA227400N3102

2	N2271 CN	2CLA227100N3102	1
2+2	N2272 CN	2CLA227200N3102	1
2+2+2	N2273 CN	2CLA227300N3102	1

Graphite Glass



Frames 1 to 4-gang - Noble - Graphite Glass

Color: Graphite Glass. Material: glass Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.99 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 CF	2CLA227100N3802	1
2-gang	2+2	N2272 CF	2CLA227200N3802	1
3-gang	2+2+2	N2273 CF	2CLA227300N3802	1
4-gang	2+2+2+2	N2274 CF	2CLA227400N3802	1

Pearl Glass

4-gang 2+2+2+2



Frames 1 to 4-gang - Noble - Pearl Glass

Color: Pearl Glass. Material: glass Size (height x width):

- 1-gang: 90 x 90 mm.

N2274 CN

- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 CP	2CLA227100N3502	1
2-gang	2+2	N2272 CP	2CLA227200N3502	1
3-gang	2+2+2	N2273 CP	2CLA227300N3502	1
4-gang	2+2+2+2	N2274 CP	2CLA227400N3502	1

Champagne Glass



Frames 1 to 4-gang - Noble - Champagne Glass

Color: Champagne Glass Material: glass Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 CH	2CLA227100N3902	1
2-gang	2+2	N2272 CH	2CLA227200N3902	1
3-gang	2+2+2	N2273 CH	2CLA227300N3902	1
4-gang	2+2+2+2	N2274 CH	2CLA227400N3902	1

Zenit - Frames for European boxes

Slate

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty	
	·				
	100 TO	Frames 1 to 4-gang - Noble - Slate			
		Color: Slate			
	100	Material: slate			
		Size (height x	•		
		- 1-gang: 90 x 90 mm.			
Ng har		- 2-gang: 90 x 161 mm.			
		- 3-gang: 90 x 232 mm.			
		- 4-gang: 90 x 303 mm.			
		Mounting grid code suitable for 60 mm. screw			
		distance boxes: N2271.9, N2271.9G & N2272.9			
		Flush mounting boxes code: 1099, 1999 & 1999.2			
		Surface mount	ing boxes code: 8591, 859	2 & 8593	
1-gang	2	N2271 PZ	2CLA227100N2202	1	
2-gang	2+2	N2272 PZ	2CLA227200N2202	1	
3-gang	2+2+2	N2273 PZ	2CLA227300N2202	1	
4-gang	2+2+2+2	N2274 PZ	2CLA227400N2202	1	

Stainless Steel



Frames 1 to 4-gang - Noble - Stainless Steel

Color: Stainless Steel Material: stainless steel Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 OX	2CLA227100N4002	1
2-gang	2+2	N2272 OX	2CLA227200N4002	1
3-gang	2+2+2	N2273 OX	2CLA227300N4002	1
4-gang	2+2+2+2	N2274 OX	2CLA227400N4002	1

Wenge



Frames 1 to 4-gang - Noble - Wenge

Color: Wenge Material: wood Size (height x width):

- 1-gang: 90 x 90 mm.

- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.
- Mounting grid code suitable for 60 mm. screw

distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 $\&\,1999.2$ Surface mounting boxes code: 8591, 8592 & 8593

1-gang	2	N2271 WG	2CLA227100N2102	1
2-gang	2+2	N2272 WG	2CLA227200N2102	1
3-gang	2+2+2	N2273 WG	2CLA227300N2102	1
4-gang	2+2+2+2	N2274 WG	2CLA227400N2102	1

Frames for rectangular boxes

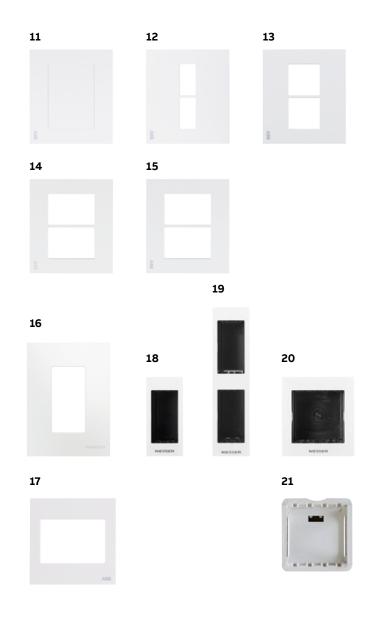


1 to 7 modules cover frame for horizontal (Italian) and vertical (American) installation

- 01 Side view, 7,5 x 85 mm
- 02 Frame blank for 3 modules box
- 03 Frame 1 module vertical for 3 modules box
- 04 Frame 1 module for 3 modules box
- 05 Frame 1 + 1 modules for 3 modules box
- 06 Frame 2 modules for 3 modules box
- 07 Frame 3 modules in 3 modules American box
- 08 Frame 3 modules in 3 modules Italian box
- 09 Frame 4 modules for 4 modules box
- 10 Frame 7 modules for 7 modules box
- 11 Frame blank for 4" x 4" box
- 12 Frame 1 + 1 modules for 4" x 4" box
- 13 Frame 2 + 2 modules for 4" x 4" box
- 14 Frame 1 + 1 + 1 + 1 modules for 4" x 4" box
- 15 Frame 3 + 3 modules for 4" x 4" box

Frames for NEMA inserts, 3 modules in square box, metallic and plastic profiles and DIN-rail

- 16 Frame 1-gang for NEMA inserts
- 17 Frame 1-gang / 3 modules for square box
- 18 Frame 1-gang / 1 module for metallic and plastic profiles
- 19 Frame 2-gang / 1 + 1 modules for metallic and plastic profiles
- 20 Frame 1-gang / 2 modules for metallic and plastic profiles
- 21 Adaptor 1-gang / 2 modules for DIN-rail



Frames for rectangular boxes

BL СВ СР PL CN СС ΑN CF ОХ C۷ СН WG PΖ Zenit

ВL	White
PL	Silver
ΑN	Anthracite
CV	Champagne

Zenit Noble CB White Glass

CN Black Glass CF Graphite Glass

CH Champagne Glass

CP Pearl Glass CC Coffee Glass

OX Stainless Steel

WG Wenge

PZ Slate

Zenit - Frames for 3 module boxes

White

Champagne

Article-No.

Modules	Article-No.	Order-No.	Pack/Qty		
	Frames - Blank to 3 modules - White Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distar boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993				
	Surface mountin	g boxes code: N2995			
Blank	N2370.1 BL	2CLA237010N1102	20		
Blank 1 module			20		
	N2370.1 BL	2CLA237010N1102			
1 module 1 module V	N2370.1 BL N2371.1 BL	2CLA237010N1102 2CLA237110N1102	20		
1 module	N2370.1 BL N2371.1 BL N2371.1V BL	2CLA237010N1102 2CLA237110N1102 2CLA237190N1102	20		



Modules

Order-No.

Pack/Qty

Frames - Blank to 3 modules - Champagne Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993

Blank	N2370.1 CV	2CLA237010N1902	20
1 module	N2371.1 CV	2CLA237110N1902	20
1 module V	N2371.1V CV	2CLA237190N1902	20
2 modules	N2372.1 CV	2CLA237210N1902	20
1+1 modules	N2372.2 CV	2CLA237220N1902	20
3 modules	N2373.1 CV	2CLA237310N1902	20

Silver



Frames - Blank to 3 modules - Silver

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993

Blank	N2370.1 PL	2CLA237010N1302	20
1 module	N2371.1 PL	2CLA237110N1302	20
1 module V	N2371.1V PL	2CLA237190N1302	20
2 modules	N2372.1 PL	2CLA237210N1302	20
1+1 modules	N2372.2 PL	2CLA237220N1302	20
3 modules	N2373.1 PL	2CLA237310N1302	20

White Glass



Frames - 3 modules - Noble - White Glass

Material: glass

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993

3 modules	N2373.1 CB	2CLA237300N3002	2	

Anthracite



Frames - Blank to 3 modules - Anthracite

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993

Blank	N2370.1 AN	2CLA237010N1802	20
1 module	N2371.1 AN	2CLA237110N1802	20
1 module V	N2371.1V AN	2CLA237190N1802	20
2 modules	N2372.1 AN	2CLA237210N1802	20
1+1 modules	N2372.2 AN	2CLA237220N1802	20
3 modules	N2373.1 AN	2CLA237310N1802	20

Black Glass



Frames - 2 and 3 modules - Noble - Black Glass

Material: glass

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993

3 modules N2373.1 CN 2C	CLA237300N3102 2	<u>!</u>
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Pack/Qty

Zenit - Frames for 3 module boxes

Pearl Glass

Modulos

Slate

Modules

Pack /Oty

Modules	Article-No.	Order-No.	Pack/Qty
	Frames - 3 modu	les - Noble - Pearl Glass	
	Material: glass		
	Size (height x wi	dth): 122 x 90 mm.	
	Mounting plate of	ode suitable for 83,5 mm. s	crew distance
-	boxes: N2473.9.		
	Frame and mour	ting plate also suitable for 3	3 module
	Italian type boxe	s, 4"x2" boxes and America	n boxes.
	Flush mounting l	ooxes code: 499.3	
	3	g boxes code: N2993	
		9	
3 modules	N2373.1 CP	2CLA237300N3502	2

Order No

Frames - 3 modules - Noble - Slate Material: slate Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993 3 modules N2373.1 PZ 2 CLA237300N2202 2

Order-No.

Coffee Glass

Frames - 3 modules - Noble - Coffee Glass

Material: glass

Article No

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9.

Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993

3 modules **N2373.1 CC** 2CLA237300N3702 2

Graphite Glass



Frames - 3 modules - Noble - Graphite Glass

Material: glass

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9.

Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3

Surface mounting boxes code: N2993

3 modules N2373.1 CF 2CLA237300N3802 2

Champagne Glass



Frames - 3 modules - Noble - Champagne Glass

Material: glass

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9.

Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3

Surface mounting boxes code: N2993

3 modules **N2373.1 CH** 2CLA237300N3902 2

Stainless Steel



Frames - 3 modules - Noble - Stainless Steel

Material: stainless steel

Article-No.

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9.

Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3
Surface mounting boxes code: N2993

3 modules **N2373.1 OX** 2CLA237300N4002 2

Wenge



Frames - 3 modules - Noble - Wenge

Material: wood

Size (height x width): 122 x 90 mm.

Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9.

Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3

Surface mounting boxes code: N2993

3 modules **N2373.1 WG** 2CLA237310N2102

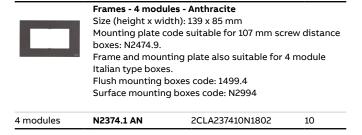
Zenit - Frames for 4 module boxes

White

White Glass

Modules	Article-No.	Order-No.	Pack/Qty	Modules	Article-No.	Order-No.	Pack/Qty
	Frames - 4 mod	ules - White			Frames - 4 modi	ules - Noble - White Glass	
		idth): 139 x 85 mm			Material: glass		
	, ,	code suitable for 107 mm so	crew distance			dth): 142 x 90 mm	
	boxes: N2474.9.					code suitable for 107 mm sc	rew distance
	Frame and mou	nting plate also suitable for	· 4 module		boxes: N2474.9.		
	Italian type boxe	es.			Frame and mour	nting plate also suitable for	4 module
	Flush mounting	boxes code: 1499.4			Italian type boxe	es.	
	Surface mounting	ng boxes code: N2994			Flush mounting	boxes code: 1499.4	
					Surface mountin	ig boxes code: N2994	
		261 422744014402	10	4 modules	N2374.1 CB	2CLA237400N3002	2
4 modules Silver	N2374.1 BL	2CLA237410N1102	10	Black Gl		ECE ESTITIONS	
	N2374.1 BL	2CLA23/410N1102				200 (23) 100(13002	
			10		ass		
	Frames - 4 mod	ules - Silver			ass Frames - 4 mode	ules - Noble - Black Glass	
	Frames - 4 mod Size (height x wi	ules - Silver idth): 139 x 85 mm			ASS Frames - 4 mode Material: glass	ules - Noble - Black Glass	
	Frames - 4 mod Size (height x wi	ules - Silver			Frames - 4 mode Material: glass Size (height x wi	ules - Noble - Black Glass dth): 142 x 90 mm	rew distance
	Frames - 4 mod Size (height x w Mounting plate boxes: N2474.9.	ules - Silver idth): 139 x 85 mm	crew distance		Frames - 4 mode Material: glass Size (height x wi	ules - Noble - Black Glass	rew distance
	Frames - 4 mod Size (height x w Mounting plate boxes: N2474.9. Also suitable for	ules - Silver idth): 139 x 85 mm code suitable for 107 mm so	crew distance		Frames - 4 mode Material: glass Size (height x wi Mounting plate of boxes: N2474.9.	ules - Noble - Black Glass dth): 142 x 90 mm	
	Frames - 4 mod Size (height x w Mounting plate boxes: N2474.9. Also suitable for Flush mounting	ules - Silver idth): 139 x 85 mm code suitable for 107 mm so · 4 module Italian type boxe	crew distance		Frames - 4 mode Material: glass Size (height x wi Mounting plate of boxes: N2474.9.	ules - Noble - Black Glass dth): 142 x 90 mm code suitable for 107 mm sc nting plate also suitable for	
	Frames - 4 mod Size (height x w Mounting plate boxes: N2474.9. Also suitable for Flush mounting	ules - Silver idth): 139 x 85 mm code suitable for 107 mm so · 4 module Italian type boxe boxes code: 1499.4	crew distance		Frames - 4 mode Material: glass Size (height x wi Mounting plate of boxes: N2474.9. Frame and mour Italian type boxe	ules - Noble - Black Glass dth): 142 x 90 mm code suitable for 107 mm sc nting plate also suitable for	
	Frames - 4 mod Size (height x w Mounting plate boxes: N2474.9. Also suitable for Flush mounting	ules - Silver idth): 139 x 85 mm code suitable for 107 mm so · 4 module Italian type boxe boxes code: 1499.4	crew distance		Frames - 4 mode Material: glass Size (height x wi Mounting plate of boxes: N2474.9. Frame and mour Italian type boxe Flush mounting	ules - Noble - Black Glass dth): 142 x 90 mm code suitable for 107 mm sc nting plate also suitable for	

Anthracite



Champagne

	Frames - 4 modu	les - Champagne	
	Mounting plate of boxes: N2474.9. Frame and moun Italian type boxe Flush mounting k	odth): 139 x 85 mm ode suitable for 107 mm sci ting plate also suitable for s. poxes code: 1499.4 g boxes code: N2994	
4 modules	N2374.1 CV	2CLA237410N1902	10

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Zenit - Frames for 7 module boxes

White

Modules	Article-No.	Order-No.	Pack/Qty	Modules	Article-No.	Order-No.	Pack/Qt
	Material: slate Size (height x wi Mounting plate o boxes: N2474.9.	ules - Noble - Slate (dth): 142 x 90 mm code suitable for 107 mm nting plate also suitable f			Mounting plate of module boxes:	idth): 205 x 85 mm code suitable for 100 mm sc	rew distance
	Italian type boxe Flush mounting			7 modules	N2777.1 BL	2CLA277710N1102	5
4 modules	N2374.1 PZ	2CLA237400N2202	2	Silver			
Stainles	s Steel				Mounting plate	idth): 205 x 85 mm code suitable for 100 mm sc	crew distance
	Material: slate	ules - Noble - Stainless St dth): 142 x 90 mm	teel		7 module boxes: Flush mounting	N2777.9. boxes code: 1499.7	
	Mounting plate of boxes: N2474.9.	code suitable for 107 mm	screw distance	Silver	N2777.1 PL	2CLA277710N1302	5
	Italian type boxe Flush mounting	boxes code: 1499.4	or 4 module	Anthrac	cite		
4 duda -		ng boxes code: N2994	2			idth): 205 x 85 mm	
4 modules Wenge	N2374.1 OX	2CLA237400N4002	2 2		7 module boxes:	code suitable for 100 mm sc : N2777.9. boxes code: 1499.7	rew distance
		ules - Noble - Wenge		Anthracite	N2777.1 AN	2CLA277710N1802	5
		dth): 142 x 90 mm code suitable for 107 mm	screw distance	Champ	agne		



Slate

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Frames - 7 modules Size (height x width): 205 x 85 mm

Mounting plate code suitable for 100 mm screw distance 7 module boxes: N2777.9.

Flush mounting boxes code: 1499.7

Champagne **N2777.1 CV** 2CLA277710N1902 5

Zenit - Frames for 4" x 4" boxes

White

Modules	Article-No.	Order-No.	Pack/Qty	
	Size (height x w	to 6 modules - White idth): 122 x 138 mm. code suitable for 4" x 4" box	es: N2673.9.	
Blank	N2670 BL	2CLA267000N1102	5	
1+1 modules	N2671.1 BL	2CLA267110N1102	5	
2+2 modules	N2672.2 BL	2CLA267220N1102	5	
1+1+1+1 modules	N2672.4 BL	2CLA267240N1102	5	
3+3 modules	N2673.6 BL	2CLA267360N1102	5	

Silver



Frames - Blank to 6 modules - Silver

Size (height x width): 122 x 138 mm.

Mounting plate code suitable for 4" x 4" boxes: N2673.9.

Blank	N2670 PL	2CLA267000N1302	5
1+1 modules	N2671.1 PL	2CLA267110N1302	5
2+2 modules	N2672.2 PL	2CLA267220N1302	5
1+1+1+1 modules	N2672.4 PL	2CLA267240N1302	5
3+3 modules	N2673.6 PL	2CLA267360N1302	5

Anthracite



Frames - Blank to 6 modules - Anthracite

Size (height x width): 122 x 138 mm.

Mounting plate code suitable for 4" x 4" boxes: N2673.9.

Blank	N2670 AN	2CLA267000N1802	5	
1+1 modules	N2671.1 AN	2CLA267110N1802	5	
2+2 modules	N2672.2 AN	2CLA267220N1802	5	
1+1+1+1 modules	N2672.4 AN	2CLA267240N1802	5	
3+3 modules	N2673.6 AN	2CLA267360N1802	5	

Champagne



Frames - Blank to 6 modules - Champagne

Size (height x width): 122 x 138 mm.

Mounting plate code suitable for 4" x 4" boxes: N2673.9.

Blank	N2670 CV	2CLA267000N1902	5
1+1 modules	N2671.1 CV	2CLA267110N1902	5
2+2 modules	N2672.2 CV	2CLA267220N1902	5
1+1+1+1 modules	N2672.4 CV	2CLA267240N1902	5
3+3 modules	N2673.6 CV	2CLA267360N1902	5

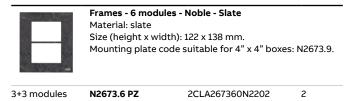
White Glass

Modules	Article-No.	Order-No.	Pack/Qty
		ıles - Noble - White Glass	
	Material: glass Size (height x wi	dth): 122 x 138 mm.	
	, ,	code suitable for 4" x 4" box	es: N2673.9.
3+3 modules	N2673.6 CB	2CLA267360N3002	2
Black Gla	ass		
П	Material: glass Size (height x wi	ules - Noble - Black Glass dth): 122 x 138 mm. code suitable for 4" x 4" boxe	es: N2673.9.

Slate

3+3 modules

N2673.6 CN



Stainless Steel



Frames - 6 modules - Noble - Stainless Steel

Stainless Steel Material: stainless steel

Size (height x width): 122 x 138 mm.

Mounting plate code suitable for 4" x 4" boxes: N2673.9.

2CLA267360N3102

3+3 modules	N2673.6 OX	2CLA267360N4002	2	

Wenge



Frames - 6 modules - Noble - Wenge

Material: wood

Size (height x width): 122 x 138 mm.

Mounting plate code suitable for 4" x 4" boxes: N2673.9.

3+3 modules	N2673.6 WG	2CLA267360N2102	5	
3+3 modules	N2673.6 WG	2CLA267360N2102	5	

Zenit - Frames for NEMA inserts and 3 modules in square boxes

White White

N2473.6 CV

1-gang

2CLA247360N1902

20

1-gang

Gangs	Article-No.	Order-No.	Pack/Qty	Gangs	Article-No.	Order-No.	Pack/Qty
	Size (height x wi	rectangular devices - White idth): 117 x 85 mm. tangular face NEMA devices ,3" W)			Size (height x w Mounting plate boxes: N2573.9.	ules in squeare box - White idth): 90 x 90 mm. code suitable for 60 mm. sc boxes code: 1099.	rew distance
1-gang	N2473.6 BL	2CLA247360N1102	20	1-gang	N2573 BL	2CLA257300N1102	20
Silver				Silver			
	Size (height x wi	rectangular devices - Silver idth): 117 x 85 mm. tangular face NEMA devices ,3" W)			Size (height x w Mounting plate boxes: N2573.9.	ules in squeare box - Silver idth): 90 x 90 mm. code suitable for 60 mm. sc boxes code: 1099.	rew distance
1-gang	N2473.6 PL	2CLA247360N1302	20	1-gang	N2573 PL	2CLA257300N1302	20
Anthra	cite			Anthra	cite		'
	Size (height x wi	rectangular devices - Anthra idth): 117 x 85 mm. tangular face NEMA devices ,3" W)	cite		Size (height x w Mounting plate boxes: N2573.9.	ules in squeare box - Anthra idth): 90 x 90 mm. code suitable for 60 mm. sc boxes code: 1099.	
1-gang	N2473.6 AN	2CLA247360N1802	20	1-gang	N2573 AN	2CLA257300N1802	20
Champ	agne			Champ	agne		
П	Size (height x wi	rectangular devices - Champ idth): 117 x 85 mm. tangular face NEMA devices .3" W)	pagne		Size (height x w	ules in squeare box - Champ idth): 90 x 90 mm. code suitable for 60 mm. sc	_

Flush mounting boxes code: 1099.

2CLA257300N1902

20

N2573 CV

Mounting plates and accesories

Gangs	Modules	Article-No.	Order-No.	Pack/Qty	Gangs	Modules	Article-No.	Order-No.	Pack/Qty
		For horizontal ar To be installed wit Mounting plate si boxes code: 1099 boxes code: 8591	ps for multigang frar	and N227X. ew distance face mounting			For horizontal a module devices. To be installed v Mounting plate	for European box nd vertical installation with frames code: N23 suitable for 107 mm s 9.4 or surface mounti	374.1. crew distance
1-gang	2 modules	N2271.9	2CLA227190N1	001 20	1-gang	4 modules	N2474.9	2CLA247490N1	.001 20
		For horizontal ar For horizontal ar To be installed wit Mounting plate si boxes code: 1099 boxes code: 8591	for European box with discretical installation of vertical installation the frames code: N2171 auitable for 60 mm scrip, 1999 & 1999.2 or surfig. 8592 & 8593.	n. n. and N227X. ew distance ace mounting	Commi		For horizontal a module devices. To be installed v	vith frames code: N27 suitable for 100 mm s	77.1.
		Included: fixing o		nes.	1-gang	7 modules	N2777.9	2CLA277790N1	001 20
1-gang	2 modules	Mounting plate for horizontal in To be installed work - N2272: 1x N2272 - N2273: 1x N2273	rith frames code: 2.9.	001 20			module devices. To be installed v N2672.2, N2672.	nd vertical installation vith frames code: N26	70, N2671.1,
		- N2274: 2x N2277 - N2275: 2x N2277 Mounting plate s boxes code: 1099 mounting boxes	2.9.	rface	2-gang	3+3 modules	Mounting plate For horizontal a boxes of 1, 2 or 3	2CLA267390N1 for square box - 3M nd vertical installation module devices.	n in square
2-gang	2+2 modules	N2272.9	2CLA227290N1	001 20	(10)			vith frames code: N25 suitable for 60 mm so 9.	
		For horizontal in			1-gang	3 modules	N2573.9	2CLA257390N1	001 20
		boxes code: 1099 mounting boxes	3.9 3.9 + 1x N2271.9.	rface			-	acilitates the installation in mounting plate N2	
3-gang	2+2+2 modules	N2273.9	2CLA227390N1	.001 20			N2071.8	2CLA207180N1	001 10
9		Mounting plate t and 2 module de To be installed w N2372.1. Mounting plate s	for 3 module box - Ve that facilitates the as vices in vertical insta- rith frames code: N23 suitable for 83,5 mm .3 or surface mountir	sembly of 1 Illations. 371.1V and screw distance			Elastic claws Fixing elastic claws for mounting plates code: N2271.9.		es code:
		N2993.					N2071.9	2CLA207190N1	001 20
1-gang	2 modules	N2371.9V	2CLA237190N1	001 20					



Mounting plate for 3 module box
For horizontal and vertical installation of 1, 2 or 3 module devices.

To be installed with frames code: N2370.1, N2371.1,

N2372.1, N2372.2 and N2373.1. Mounting plate suitable for 83,5 mm screw distance boxes code: 499.3 or surface mounting boxes code: N2993.

1-gang 3 modules N2473.9 2CLA247390N1001 20

Flush mounting boxes

Modules Article-No. Order-No. Pack/Qty Ganas European type box - Bricks and cement Installation box for walls built with bricks or Distance between screws: 60 mm Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Allows the input of 2 tubes per each side. Linkable for multigang frames. Included: 2 screws to fix the mounting plate. The screws can be placed in any of the 4 sides to facilitate the installation of the insert in vertical and horizontal. 1-gang 2 modules 1099 2CLA009900A1001 50 European type box - Drywall and partitions Installation box for walls built with drywall or Distance between screws: 60 mm Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Linkable for multigang frames. Included: 2 screws to fix the mounting plate. Shaft diameter: 68 mm. 1-gang 2 modules 999 2CLA099909A1001 25 European type box - Drywall and partitions Double box suitable for 2-gang mounting plates. Installation box for walls built with drywall or Distance between screws: 60 mm Suitable for mounting plates code: N2271.9, N2271 9G & N2272 9 Included: 4 screws to fix the mounting plate. Shaft diameter: 68 mm. Distance between centers: 71 mm. 2-gang 2+2 modules 999.2 2CLA099920A1001 10 3 module type box - Bricks and cement Installation box for walls built with bricks or cement. Distance between screws: 83,5 mm. Suitable for mounting plates code: N2371.9 & Included: 2 screws to fix the mounting plate. 3 modules 499.3 2CLA049930A1001 25 1-gang 4 module type box - Bricks and cement Installation box for walls built with bricks or cement. Distance between screws: 107 mm Suitable for mounting plates code: N2374.9. Included: 2 screws to fix the mounting plate. 2CLA049940A1001 20 1499.4 4 modules 7 module type box - Bricks and cement Installation box for walls built with bricks or cement Distance between screws: 100 mm Suitable for mounting plates code: N2777.9. Without screws. Included: 4 screws to fix the mounting plate.

Frames for metallic and plastic profiles

Gangs	Modules	Article-No.	Order-No.	Pack/Qty
	ı	Frames suitable dimensions surf or screens. For 1 module de Size (width x hei	lic and plastic profiles to be installed in reduce aces as plastic and meta vices. ght): 32 x 68 mm. a x height): 26 x 50 mm.	-
1-gang	1 module	N2671 BL	2CLA267100N1101	10
1-gang	1 module	N2671 PL	2CLA267100N1301	. 10
1-gang	1 module	N2671 AN	2CLA267100N1801	. 10
ı gang				



Frame for metallic and plastic profiles

Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens.

For 1 module devices.

Size (width x height): 32 x 126 mm. Shaft size (width x height): 26 x 108 mm.

2-gang	1+1 module	N2671.2 BL	2CLA267120N1101	5
2-gang	1+1 module	N2671.2 PL	2CLA267120N1301	5
2-gang	1+1 module	N2671.2 AN	2CLA267120N1801	5
2-gang	1+1 module	N2671.2 CV	2CLA267120N1901	5



Frame for metallic and plastic profiles

Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens.

For 1 and 2 module devices. Size (width x height): 54 x 68 mm. Shaft size (width x height): 49 x 50 mm.

1-gang	2 modules	N2672 BL	2CLA267200N1101	6
1-gang	2 modules	N2672 PL	2CLA267200N1301	6
1-gang	2 modules	N2672 AN	2CLA267200N1801	6
1-gang	2 modules	N2672 CV	2CLA267200N1901	6

DIN-rail mounting plate



2CLA049970A1001 5

7 modules

1-gang

1499.7

Adapter for DIN rail - 2M

Adapter that facilitates the intallation of Zenit devices up to 2 modules in switchboards on DIN rails.

RAL 9010. Width: 53,5 mm.

1-gang	2 modules	N2692 BL	2CLA269200N1101	10

IP20 surface mounting boxes

Color	Article-No.	Order-No.	Pack/Qty



Surface mounting box with frame - 2 modules

Surface mounting box for 1 and 2 module devices. The box includes the clipping system to clasp inserts (no mounting plate necessary).

Included: frame - 2 modules

Size (Width x Height x Depth): 64 x 70 x 47 mm. Pre-cut areas in the 4 sides for N2999 adapters.

2CLA299110N1101 White N2991.1 BL 10



Surface mounting box - 2M

Surface mounting box for 1 and 2 module devices. Suitable for 2 module mounting plates N2271.9. Suitable for N2171 and N2271 frames. Size (Width x Height x Depth): 86 x 86 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.

White	8591 BL	2CLA859100N1101	6



Surface mounting box - 2+2M

Surface mounting box for 1 and 2 module devices. Suitable for 2 module mounting plates N2271.9. Suitable for N2272 frames.

Size (Width x Height x Depth): 157 x 86 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.

White 8592 BL 2CLA859200N1101



Surface mounting box - 2+2+2M

Surface mounting box for 1 and 2 module devices. Suitable for 2 module mounting plates N2271.9. Suitable for N2273 frames.

Size (Width x Height x Depth): 228 x 86 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.

2CLA859300N1101 White 8593 BL



Surface mounting box - 3M

Surface mounting box for 1, 2 or 3 module devices. Suitable for 3 module mounting plates N2371.9 and N2373.9. Suitable for N2471, N2472 and N2473 frames. Size (Width x Height x Depth): 107 x 85 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.

White N2993 BL 2CLA299300N1101



Surface mounting box - 4M

Surface mounting box for 1, 2 or 3 module devices. Suitable for 4 module mounting plates N2374.9. Suitable for N2374 frames.

Size (Width x Height x Depth): 139 x 85 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.

2CLA299400N1101 White



Adapter for tubes/pipes

Adapter for tubes of Ø16, Ø20, Ø25. Suitable for surface mounting boxes code: N2991.1, 8591, 8592, 8593, N2993 and N2994.

White N2999 BL 2CLA299900N1101 10					
	White	N2999 BL	2CLA299900N1101	10	

IP40 surface mounting boxes

Color Article-No	Order-No.	Pack/Qty
Surface m Box for sui 1-gang - 2 For 1 or 2 r Size (heigh Color: gray Protection Incoming v Ø20.	ounting box - IP40 - 2 module	55 mm. tubes/cables max.



Surface mounting box - IP40 - 2+2 modules

Box for surface installation.

2-gang - 2+2 modules.

For 1 or 2 module devices.

Size (height x width x depth): $80 \times 130 \times 55 \text{ mm}$

Color: gray - RAL 7035.

Protection degree: IP40 / IK06.

Double incoming with multi-diameter cone for tubes/ cables max. Ø20.

2CLA329110N1101

10

N3291.1

The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).

2CLA329210N1101



Surface mounting box - IP40 - 2+2+2 modules

Box for surface installation.

3-gang - 2+2+2 modules.

For 1 or 2 module devices.

Size (height x width x depth): 80 x 195 x 55 mm.

Color: gray - RAL 7035.

Protection degree: IP40 / IK06.

Incoming with multi-diameter cone for tubes/cables max.

The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary)

N3293.1 2CLA329310N1101 Gray



Surface mounting box - IP40 - 3 modules

Box for surface installation.

1-gang - 3 modules.

For 1, 2 or 3 module devices.

Size (height x width x depth): $80 \times 104 \times 55 \text{ mm}$

Color: gray - RAL 7035.

Protection degree: IP40 / IK06.

Incoming with multi-diameter cone for tubes/cables max. Ø20.

The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).

N3391.1 2CLA339110N1101 10 Gray

IP55 flush mounting kits

Color Article-No. Order-No. Pack/Qty



Kit IP55 2-way switch - flush mounted

Kit with:

- N3271 BL: IP55 frame for flush mounting 1-gang 2 modules.
- N2202 BL: 1-gang, 2-way / 127 250 Vac / 16 AX.
- 1-gang, 2 module mounting plate.

Protection degree: IP55 (with lid closed).

Color: white.

Opening angle of the lid: 120°.

The lid allows operating the switch in closed position.

White	N3002	2CLA300200N1101	10



Kit IP55 push button - flush mounted

Kit with:

- N3271 BL: IP55 frame for flush mounting 1-gang 2 modules.
- N2204 BL: 1-gang, 1-way, NO push button / 127 250 Vac / 16 A.
- 1-gang, 2 module mounting plate.

Protection degree: IP55 (with lid closed).

Color: white.

Opening angle of the lid: 120°.

The lid allows operating the push button in closed position.

White	N3004	2CLA300400N1101	10	
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Kit IP55 Schuko socket outlet - flush mounted

Kit with:

- N3271 BL: IP55 frame for flush mounting 1-gang 2 modules.
- N2288 BL: Schuko socket outlet / 127 250 Vac / 16 A.
- 1-gang, 2 module mounting plate.

Protection degree: IP55 (with lid closed).

Color: white.

Opening angle of the lid: 120°.

White	N3088	2CLA308800N1101	10	

IP55 flush mounting frames

Color	Article-No.	Order-No.	Pack/Qty



Flush mounting frames - IP55 - 2 modules

Frames for IP55 flush mounted installations.

1-gang - 2 modules.

For 1 or 2 module devices.

Size (height x width): 90 x 90 mm.

Included: one 1-gang, 2 module mounting plate.

Protection degree: IP55 (with lid closed).

Opening angle of the lid: 120°.

The lid allows operating the switch in closed position.

Suitable for 60mm screw distance boxes.

White	N3271 BL	2CLA327100N1101	10
Gray	N3271 GR	2CLA327100N1701	10
Anthracite	N3271 AN	2CLA327100N1801	10



Flush mounting frames - IP55 - 2+2 modules

Frames for IP55 flush mounted vertical and horizontal installations.

2-gang - 2+2 modules.

For 1 or 2 module devices.

Size (height x width): 161 x 90 mm.

Included: two 1-gang, 2 module mounting plate.

Protection degree: IP55 (with lid closed).

Opening angle of the lid: 120°.

The lid allows operating the switch in closed position.

Suitable for 60mm screw distance boxes.

White	N3272 BL	2CLA327200N1101	5
Gray	N3272 GR	2CLA327200N1701	5
Anthracite	N3272 AN	2CLA327200N1801	5



Flush mounting frames - IP55 - 3 modules

Frames for IP55 flush mounted horizontal installations.

1-gang - 3 modules.

For 1, 2 or 3 module devices.

Size (height x width): 90 x 122 mm.

Included: one 1-gang, 3 module mounting plate.

Protection degree: IP55 (with lid closed).

Opening angle of the lid: 120°.

The lid allows operating the switch in closed position. Suitable for 83,5mm screw distance 3 module boxes.

White	N3373 BL	2CLA337300N1101	5	
Gray	N3373 GR	2CLA337300N1701	5	
Anthracite	N3373 AN	2CLA337300N1801	5	

IP55 surface mounting kits

IP55 surface mounting boxes

Opening angle of the lid: 120°.

The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no

2CLA339100N1101

10

mounting plate, nor frame are necessary).

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
100 miles (100 miles (Kit with: - N3291: IP55 be modules N2202 BL: 1-ga Protection degr Color: white dev Opening angle of The lid allows of Incoming with r Ø20. The box include	ox for surface mounted ox for surface mounting - 1- ang, 2-way / 127 - 250 Vac / ree: IP55 (with lid closed). vice / gray RAL 7035 box. of the lid: 120°. perating the switch in clos multi-diameter cone for tul res the clipping system to clos, nor frame are necessary).	ed position. bes/cables max. asp inserts (no		Box for IP55 sur 1-gang - 2 modu For 1 or 2 modu Size (height x w Color: gray RAL Protection deg Opening angle The lid allows o Incoming with mu The box include	ile devices. vidth x depth): 80 x 65 x 63 i 7035 ree: IP55 (with lid closed).	mm d position. es max. Ø20.
Gray	N3202	2CLA320200N1101	10	Gray	N3291	2CLA329100N1101	10
	Kit with: - N3291: IP55 be modules N2204 BL: 1-ga/16 A. Protection degr Color: white dev Opening angle of The lid allows oo Incoming with r Ø20. The box include	perating the switch in clos multi-diameter cone for tub es the clipping system to cl	ed position. bes/cables max. asp inserts (no		Box for IP55 sur 2-gang - 2+2 me For 1 or 2 modu Size (height x w Color: gray RAL Protection deg Opening angle The lid allows o Incoming with mu The box include	ile devices. vidth x depth): 80 x 130 x 63 7035. ree: IP55 (with lid closed).	mm. d position. es max. Ø20.
	mounting plate	, nor frame are necessary).		Gray	N3292	2CLA329200N1101	10
Gray	Kit with: - N3291: IP55 bo modules N2288 BL: Sch Protection degr Color: white dev Opening angle of The lid allows of Incoming with r Ø20.	2CLA300400N1101 a socket outlet - surface mover for surface mounting - 1- uko socket outlet / 127 - 25 ree: IP55 (with lid closed). vice / gray RAL 7035 box. of the lid: 120°. perating the switch in close multi-diameter cone for tules the clipping system to close, nor frame are necessary).	ed position. bes/cables max. asp inserts (no	Gray	Box for IP55 sur 3-gang - 2+2+2 For 1 or 2 modu Size (height x w Color: gray RAL Protection deg Opening angle The lid allows o Incoming with mu The box include mounting plate	ile devices. vidth x depth): 80 x 195 x 63 7035 ree: IP55 (with lid closed).	mm d position. es max. Ø20.
Gray	N3288	2CLA308800N1101	10		Box for IP55 sur 1-gang - 3 mod For 1, 2 or 3 mo Size (height x w Color: gray RAL	rface mounted horizontal insules. dule devices. ridth x depth): 80 x 104 x 63 7035. ree: IP55 (with lid closed).	

Gray

Zenit - centralizations

Surface mounting boxes

Color Article-No. Order-No. Pack/Qty

Surface mounting box - 12 modules

Zenit centralization box for surface mounted installations

installations.

2-gang - 6+6 modules.

For 1, 2 or 3 module devices.

Size (height x width x depth): $204 \times 212 \times 55$ mm. Included:

- Metallic mounting plates (horizontally folding for easy installation).
- Screws.
- Plugs.

Suitable for frames code: T1272.

White	T1292 BL	2CLA129200T1001	1
Silver	T1292 PL	2CLA129200T1301	1
Anthracite	T1292 AN	2CLA129200T1801	1



Surface mounting box - 18 modules

Zenit centralization box for surface mounted installations.

3-gang - 6+6+6 modules.

For 1, 2 or 3 module devices.

Size (height x width x depth): 275 x 212 x 55 mm Included:

- Metallic mounting plates (horizontally folding for easy installation).
- Screws.
- Plugs.

Suitable for frames code: T1273.

White	T1293 BL	2CLA129300T1001	1
Silver	T1293 PL	2CLA129300T1301	1
Anthracite	T1293 AN	2CLA129300T1801	1



Surface mounting box - 24 modules

Zenit centralization box for surface mounted installations.

4-gang - 6+6+6+6 modules.

For 1, 2 or 3 module devices.

Size (height x width x depth): 346 x 212 x 55 mm Included:

- Metallic mounting plates (horizontally folding for easy installation).
- Screws.
- Plugs.

Suitable for frames code: T1274.

White	T1294 BL	2CLA129400T1001	1
Silver	T1294 PL	2CLA129400T1301	1
Anthracite	T1294 AN	2CLA129400T1801	1

Flush mounting boxes

Product	Article-No.	Order-No.	Pack/Qty



Flush mounting box - 12 modules

Zenit centralization box for flush mounted installations. 2-gang - 6+6 modules.

For 1, 2 or 3 module devices.

Size (height x width x depth): 178 x 186 x 55 mm Included:

- Metallic mounting plates (horizontally folding for easy installation).
- multi-box linking accessories.
- Screws.
- Plugs.
- Claws for drywall.

Suitable for frames code: T1272.

T1092.1	2CLA109210T1001	1



Flush mounting box - 18 modules

Zenit centralization box for flush mounted installations. 3-gang - 6+6+6 modules.

For 1, 2 or 3 module devices.

Size (height x width x depth): 249 x 186 x 55 mm Included:

- Metallic mounting plates (horizontally folding for easy installation).
- multi-box linking accessories.
- Screws.
- Plugs.
- Claws for drywall.

Suitable for frames code: T1273.

T1093.1 2CLA109310T1001 1



Flush mounting box - 24 modules

Zenit centralization box for flush mounted installations. 4-gang - 6+6+6+6 modules.

For 1, 2 or 3 module devices.

Size (height x width x depth): 320 x 186 x 55 mm

- Metallic mounting plates (horizontally folding for easy installation).
- multi-box linking accessories.
- Screws.
- Plugs.
- Claws for drywall.

Suitable for frames code: T1274.

T1094.1	2CLA109410T1001	1

Zenit - centralizations

Frames

Color	Article-No.	Order-No.	Pack/Qty



Frame for centralizations - 12 modules

- BL: White plate / White frame.
- BP: White plate / Silver frame.PL: Silver plate / Silver frame.
- AN: Anthracite plate / Anthracite frame.

Zenit centralization frames for flush mounting boxes code T1092.1 and surface mounting boxes code T1292.

2-gang - 6+6 modules.

For 1, 2 or 3 module devices.

With labeling space.

Size (height x width): 204 x 212 mm.

White/White	T1272 BL	2CLA127200T1101	1	
White/Silver	T1272 BP	2CLA127200T1201	1	
Silver	T1272 PL	2CLA127200T1301	1	
Anthracite	T1272 AN	2CLA127200T1801	1	



Frame for centralizations - 18 modules

- BL: White plate / White frame.
- BP: White plate / Silver frame.
- PL: Silver plate / Silver frame.
- AN: Anthracite plate / Anthracite frame.

Zenit centralization frames for flush mounting boxes code T1093.1 and surface mounting boxes code T1293.

4-gang - 6+6+6 modules.

For 1, 2 or 3 module devices.

With labeling space.

Size (height x width): 275 x 212 mm.

White/White	T1273 BL	2CLA127300T1101	1
White/Silver	T1273 BP	2CLA127300T1201	1
Silver	T1273 PL	2CLA127300T1301	1
Anthracite	T1273 AN	2CLA127300T1801	1



Frame for centralizations - 24 modules

Color:

- BL: White plate / White frame.
- BP: White plate / Silver frame.
- PL: Silver plate / Silver frame.
- AN: Anthracite plate / Anthracite frame.

Zenit centralization frames for flush mounting boxes code T1094.1 and surface mounting boxes code T1294.

4-gang - 6+6+6+6 modules.

For 1, 2 or 3 module devices.

With labeling space.

Size (height x width): 346 x 212 mm.

White/White	T1274 BL	2CLA127400T1101	1
White/Silver	T1274 BP	2CLA127400T1201	1
Silver	T1274 PL	2CLA127400T1301	1
Anthracite	T1274 AN	2CLA127400T1801	1

Zenit - workstations

Surface mounting boxes

Color Article-No. Order-No. Pack/Qty

Product Article-No. Order-No. Pack/Qty



Surface mounting box - 3 columns

Zenit workstation box for surface mounted

installations.

3-columns - 2+2+2+2+2 modules.

For 1 or 2 module devices. Also suitable for T10XX devices.

Size (height x width x depth): 176 x 235 x 45 mm Included:

- Mounting plates (vertically folding devices for easy installation).
- Multi-box linking accessories.
- Screws.
- Pluas.
- Side cover for trunking system incoming.
- Isolating metallic plate to devide power from VDI. Suitable for frames code: T1173.

White	T1193 BL	2CLA119300T1001	1
Silver	T1193 PL	2CLA119300T1301	1



Surface mounting box - 4 columns

Zenit workstation box for surface mounted installations. 4-columns - 2+2+2+2+2+2+2 modules.

For 1 or 2 module devices. Also suitable for T10XX devices

Size (height x width x depth): 176 x 295 x 45 mm

- Mounting plates (vertically folding devices for easy installation).
- Multi-box linking accessories.
- Screws.
- Side cover for trunking system incoming.
- Isolating metallic plate to devide power from VDI. Suitable for frames code: T1174.

White	T1194 BL	2CLA119400T1001	1
Silver	T1194 PL	2CLA119400T1301	1



Surface mounting box - 5 columns

Zenit workstation box for surface mounted installations. 5-columns - 2+2+2+2+2+2+2+2+2 modules.

For 1 or 2 module devices. Also suitable for T10XX devices.

Size (height x width x depth): 176 x 355 x 45 mm Included:

- Mounting plates (vertically folding devices for easy installation).
- Multi-box linking accessories.
- Screws.
- Plugs.
- Side cover for trunking system incoming.
- Isolating metallic plate to devide power from VDI. Suitable for frames code: T1175.

White	T1195 BL	2CLA119500T1001	1
Silver	T1195 PL	2CLA119500T1301	1



Flush mounting box - 3 columns

Zenit workstation box for flush mounted installations. 3-columns - 2+2+2+2+2 modules.

For 1 or 2 module devices. Also suitable for T10XX devices

Size (height x width x depth): 150 x 211 x 45 mm

- Mounting plates (vertically folding devices for easy installation).
- Multi-box linking accessories.
- Screws.
- Plugs.

T1093

Flush mounting boxes

- Isolating metallic plate to devide power from VDI.
- Claws for drywall.

Suitable for frames code: T1174.

(FARE	0.0.0	200	8.83	2
				,
			п	П
				1

Flush mounting box - 4 columns

Zenit workstation box for flush mounted installations. 4-columns - 2+2+2+2+2+2+2 modules.

2CLA109300T1001

For 1 or 2 module devices. Also suitable for T10XX devices

Size (height x width x depth): 150 x 271 x 45 mm

- Mounting plates (vertically folding devices for easy installation).
- multi-box linking accessories.
- Screws.
- Isolating metallic plate to devide power from VDI.
- Claws for drywall.

Suitable for frames code: T1174.

T1094	2CLA109400T1001	1

Pack/Qty

Zenit - workstations

Article-No.

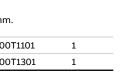
Frames

Color

Foldable lid

Order-No.

	- PL: Silver plate - TT: White plat Zenit workstati T1093 and surfe 3-columns - 6-g For 1 or 2 modu devices.	e / White frame e / Silver frame e / Titanium metallic frame ion frames for flush mountin ace mounting boxes code T1: gang - 2+2+2+2+2+2 modules ale devices. Also suitable for width): 176x 235 mm.	193.
White	T1173 BL	2CLA117300T1101	1
Silver	T1173 PL	2CLA117300T1301	1





Frame for workstations - 4 columns

Color:

- BL: White plate / White frame
- PL: Silver plate / Silver frame
- TT: White plate / Titanium metallic frame

Zenit workstation frames for flush mounting boxes code T1094 and surface mounting boxes code T1194. 4-columns - 8-gang - 2+2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX

devices.

Size (height x width): 176x 295 mm.

Silver	T1174 PL	2CLA117400T1301	1
wnite	111/4 BL	2CLA11/40011101	1



Frame for workstations - 5 columns

Color:

- BL: White plate / White frame
- PL: Silver plate / Silver frame
- TT: White plate / Titanium metallic frame

Zenit workstation frames for surface mounting boxes code T1195.

5-columns - 10-gang - 2+2+2+2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX

Size (height x width): 176x 355 mm.

White	T1175 BL	2CLA117500T1101	1
Silver	T1175 PL	2CLA117500T1301	1



Color

Article-No.

Foldable lid for workstations - Black Foldable lid to cover the devices and cables in a workstation:

Order-No.

Pack/Qty

- T1173.5: for 3-column workstations.
- T1174.5: for 4-column workstations.
- T1175.5: for 5-column workstations.

This is an optional accessory for surface and flush mounted boxes.

Black	T1173.5	2CLA117350T1001	1
Black	T1174.5	2CLA117450T1001	1
Black	T1175.5	2CLA117450T1001	1

Zenit - workstations

Floor boxes

Color	Article-No.	Order-No.	Pack/Qty



Floor box - 3 columns - 5 mm. hollow lid

Floor box with 5 mm. deep hollow lid for carpet, linoleum,

Protection degree:

- IP52 between the box and the floor ensured by loss-proof seal.
- IP4x at the rim of the lid.
- IP2x at the cable inlet.

Resistance of the lid: 1500 N according to DIN VDE 0364. Resistance to chemicals present in the main detergents. Direct installation in technical or raised floor. Installation in tradiotional floors using the flush mounting metal box code T1393.9.

Color: dark gray RAL 7021.

Size (height x width x depth): 235 x 300 x 100 mm.

Slot size (height x width): 211 x 275 mm. Suitable mounting plates code: T1373 and T1371.4.

|--|



Floor box - 3 columns - Stainless steel lid

Floor box with anti-slip square patterned lid with stainless steel finish.

Protection degree:

- IP52 between the box and the floor ensured by loss-proof seal.
- IP4x at the rim of the lid.
- IP2x at the cable inlet.

Resistance of the lid: 1500 N according to DIN VDE 0364. Resistance to chemicals present in the main detergents. Direct installation in technical or raised floor. Installation in tradiotional floors using the flush mounting metal box code T1393.9.

Color: dark gray RAL 7021.

Size (height x width x depth): $235 \times 300 \times 100$ mm.

Slot size (height x width): 211 x 275 mm.

Suitable mounting plates code: T1373 and T1371.4.

3 3 7	Dark gray T	1393.1	M109030000	1
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Flush mounting metal box

Accessory for the installation of the floor boxes code T1393 and T1393.1 in tradictional/concrete floors. Supplied with protection semi-lid and bunkheads for trunkings of 70x30 mm. and of 95x30 mm. and for \emptyset 25 mm and 32 mm. conduits.

Size (height x width x depth): 230 x 305 x 105 mm.

T1393.9	M109300000	1
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Mounting plates for floor box

Color	Article-No.	Order-No.	Pack/Qty



Mounting plate for floor box - 3 columns

3-column adapter for the installation of Zenit devices and/or T10XX devices in floor boxes code: T1393 and T1393.1.

3-columns - 2+2+2+2+2 modules.

For 1 or 2 module devices. Also suitable for T10XX devices.

Included:

- Mounting plates.
- Frame.
- Screws.

White	T1373	2CLA137300T1101	20



Adapter plate for floor box - 4 modules

4 module adapter plate for the installation of Zenit devices in floor boxes code: T1393 and T1393.1. To be combined with Zenit 4-module mounting plates code N1374.9 and frames code N2374.1.

For 1, 2 or 3 module devices.

Included: screws.

Dark gray	T1371.4	M109190000	6

Duplex socket outlets



Duplex Schuko socket outlet

Rated voltage: 250 Vac.

Rated current: 16A.

Type F: 2P + E.

Shuttered for child safety.

Screw terminals (common terminal for both outlets).

Folding system for easy installation.

With labeling space.

Optional: power indicator LED lamp code: 6192. Suitable for boxes code T1193, T1194, T1195, T1093 and

T1094 and mounting plates code T1373.

Colors RJ and RP are suitable to identify special circuits.

White/White	T1088 BL	2CLA108800T1001	5	
Silver/Silver	T1088 PL	2CLA108800T1301	5	
White/Red	T1088 RJ	2CLA108800T7001	5	
Silver/Red	T1088 RP	2CLA108800T7301	5	



Duplex French/Earth-pin socket outlet

Rated voltage: 250 Vac. Rated current: 16A.

Type E: 2P + E.

Shuttered for child safety.

Screw terminals (common terminal for both outlets).

Folding system for easy installation.

With labeling space.

Optional: power indicator LED lamp code: 6192. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. Color RJ is suitable to identify special circuits.

White/White	T1087 BL	2CLA108700T1001	5
White/Red	T1087 RJ	2CLA108700T7001	5

Silver

T1016.5 PL

2CLA101650T1301

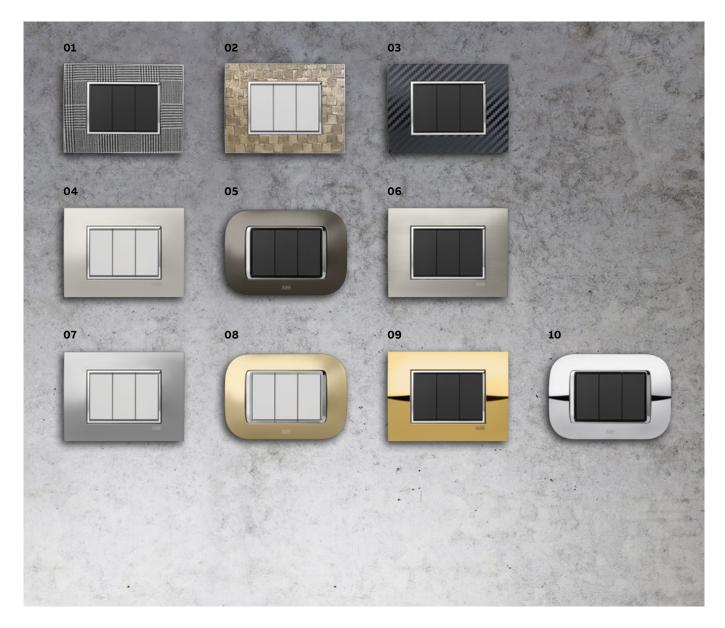
Zenit - workstations

Adapters

Color	Article-No.	Order-No.	Pack/Qty	Color	Article-No.	Order-No.	Pack/Qty
	,	,			1 1		
		tlet without shutter outlet without shutter. 2-gan	ng.	-		et without shutter tlet without shutter. 4-gang	
	With labeling sp	_	ig.		With labeling spa)•
	Without shutter				Without shutters		
		es code T1193, T1194, T1195, nting plates code T1373.	T1093 and			es code T1193, T1194, T1195, iting plates code T1373.	T1093 and
		2016, 2016.1, 2016.2 or 2016	.3 connector			2016, 2016.1, 2016.2 or 2016.	.3 connector
	adapters.				adapters.		
	Included: 2x 2016	6 connector adapters.			Included: 4x 2016 connector adapters.		
White	T1016.1 BL	2CLA101610T1001	10	White	T1016.6 BL	2CLA101660T1001	5
Silver	T1016.1 PL	2CLA101610T1301	10	Silver	T1016.6 PL	2CLA101660T1301	5
	4-gang plain out	tlet without shutter			2-gang plain out	let with shutter	
		utlet without shutter. 4-gar	ng.			utlet without shutter. 2-gan	ıg.
	With labeling space. Without shutters.				With labeling spa	ace.	
Suitable for boxes code T1193, T1194, T1195, T1093 and			With shutters. Suitable for boxe	es code T1193, T1194, T1195,	T1093 and		
		nting plates code T1373.				ting plates code T1373.	
		2016, 2016.1, 2016.2 or 2016	.3 connector			2016, 2016.1, 2016.2 or 2016.	.3 connector
	adapters. Included: 4x 2010	6 connector adapters.			adapters. Included: 2x 2016	connector adapters.	
White	T1016.2 BL	2CLA101620T1001	10	White	T1016.3 BL	2CLA101630T1001	10
Silver	T1016.2 PL	2CLA101620T1301	10	Silver	T1016.3 PL	2CLA101630T1301	10
	T1094 and mour To be used with adapters.	es code T1193, T1194, T1195, iting plates code T1373. 2016, 2016.1, 2016.2 or 2016 5 connector adapters.			T1094 and moun To be used with adapters.	es code T1193, T1194, T1195, Iting plates code T1373. 2016, 2016.1, 2016.2 or 2016. 5 connector adapters.	
White	T1016.7 BL	2CLA101670T1001	5	White	T1016.8 BL	2CLA101680T1001	10
Silver	T1016.7 PL	2CLA101670T1301	5	Silver	T1016.8 PL	2CLA101680T1301	10
		tlet with shutter Jutlet without shutter. 4-gar	ng.	100		o r ABB DIN-rail devices er ABB System Pro M DIN-rai	l devices
Accord Accord	With labeling sp	•	.9.	100	2 modules.	in NBB System 110 M Birt Tur	acvices.
	With shutters.	L T1100 T1104 T1105	T1000 I		For 1 or 2 module		T4000 I
		es code T1193, T1194, T1195, nting plates code T1373.	11093 and	B		es code T1193, T1194, T1195, iting plates code T1373.	11093 and
		2016, 2016.1, 2016.2 or 2016	.3 connector			5 ,	
	adapters. Included: 4x 201	6 connector adapters.		White	T1034 BL	2CLA103400T1001	10
				Silver	T1034 PL	2CLA103400T1301	10
White	T1016.4 BL	2CLA101640T1001	10		Adapter plate fo	r Zenit devices	
Silver	T1016.4 PL	2CLA101640T1301	10	2	1-column adapte	r plate for Zenit devices.	
200000	2-gang 45º outle	2-gang 45° outlet without shutter			2+2 modules. For 1 or 2 module devices.		
		tlet without shutter. 2-gang	ı .		With labeling spa		
-	With labeling spa Without shutters			2		Suitable for boxes code T1193, T1194, T1195, T1	
		s. es code T1193, T1194, T1195,	T1093 and		T1094 and moun	ting plates code T1373.	
-	T1094 and mour	nting plates code T1373.			T1000	201 410000071001	10
	To be used with adapters.	2016, 2016.1, 2016.2 or 2016	.3 connector		T1000	2CLA100000T1001	10
	•	6 connector adapters.					
White	T1016.5 BL	2CLA101650T1001	5				

The system in harmony with the world

Italian design with high quality materials. Even in the smallest of details, functionality marries appearance. Ultra-thin square and round frames. Four different materials of Mylos and countless combinations of Mylos Ultra to choose from. Your house is your world. And your world reflects you. Express yourself with Mylos.



Ultra finishes

01 alcantara*

02 jannelli&volpi*

03 3M*

Metal finishes

04 light silver (square**)

05 dark nickel (round**)

06 brushed steel (square**)

07 satin aluminium (square**)

08 satin gold (round**)

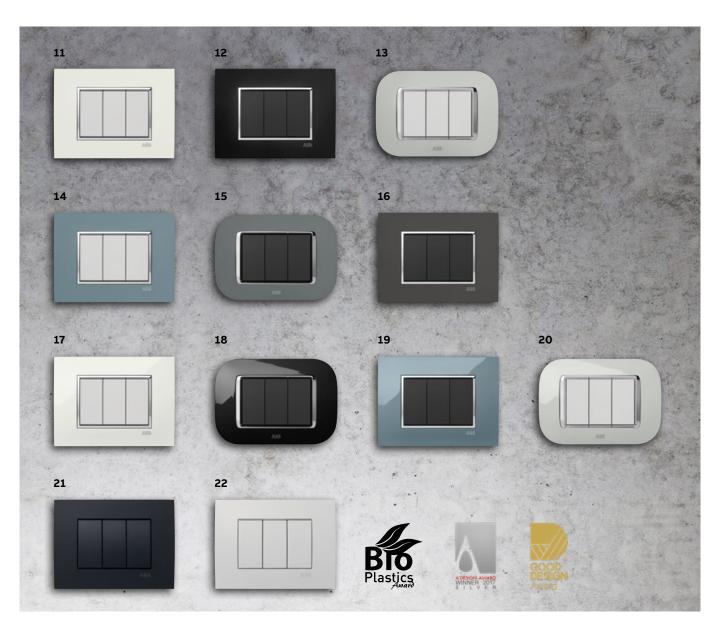
09 glossy gold (square**)

10 glossy chrome (round**)

 $^{^{\}star}$ Materials freely customizable from the partners' catalogues.

^{**}Finishes from 06 to 23 are available both versions square and round.

The system in harmony with the world



Velvet finishes

- 11 white (square**)
- 12 black (square**)
- 13 ice (round**)
- 14 cold grey (square**)
- 15 graphite (round**)
- 16 anthracite (square**)

Lucent finishes

- 17 white alabaster (square**)
- 18 brilliant black (round**)
- 19 cool grey (square**)
- 20 ice (round**)

Etik finishes

- 21 matt black (square)
- 22 matt white (square)

Selected functions



Control devices

Maximum flexibility in the selection of switches, push switches, two-way switches, intermediate switches, relays and change-over switches. The most common control devices are available in screwless versions, reducing installation times even further. All the conventional control devices, except for relays and change-over switches, can be lit. Switches are available with an incorporated LED to enable all types of functional indication.



Socket outlets

The versions with 2P+E 10-16A socket outlets for 250V lines are available in the Italian and German standards, with safety shutters and side/central earth. For telephone and data transmission applications various types of connectors compatible with the most widespread international wiring standards are available.



Key covers

The key covers in 1 module or 1/2 module versions allow conventional switches to be customised as desired.



Protection devices

These devices intervene in the event of overloads, short circuits and other phenomena that involve a risk for the safety of persons and which compromise proper operation of connected appliances, performing their protection function directly downstream without impacting the power supply to other points in the electrical installation.

Selected functions



Signalling devices

Warning lights to display the operating status of connected appliances, as well as bells and buzzers. The warning lights are supplied with an incorporated 230V LED, which can be replaced for use under different voltages, if necessary.



Comfort devices

To optimize the operation of electrical appliances and increase the liveability of environments, the range includes devices for programming, adjustment and timing such as time-programmed thermostats, electronic thermostats and dimmers. IR presence detectors and receivers for remote controls complete the product range to guarantee the maximum level of comfort. Removable anti-blackout lights and emergency lights are available with ample operating autonomy.



Home and building automation

Mylos represents also a simple and immediate solution to best meet the needs of both residential and building applications. Mylos free@home® and Mylos KNX are, respectively, the home and building automation systems which are perfectly integrated into Mylos aesthetic and functionalities. Both the ranges includes thermostats, rocker switches, actuators, blind actuators and dimmers.





Access Control for hospitality

Based on transponder technology, and exploiting their flexibility and security, ABB's solution for access control is fully compatible with the KNX-standard Home & Building Automation System. The access control system, perfectly integrated into Mylos conventional wiring accessories range, is particularly suitable for hotel applications and allows construction of flexible systems with advanced functions to optimize the services provided to hotel guests.

Command devices features.



Standard key cover composition

Key cover composition on 2CSY1017MY

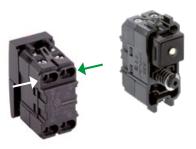
Key cover composition on 2CSY1027MY

LED illumination.



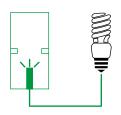
Plug-in LED illumination.

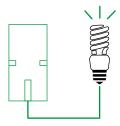
Conventional switches are lit by plug-in LEDs. There is no need for additional wiring because once the device is fixed in place, it is already ready to light up. In this way it is possible to implement night-time location signalling in a very easy manner.



Incorporated LED illumination. Switches with incorporated LEDs provide maximum freedom for wiring the signalling LED through the presence of dedicated terminals.

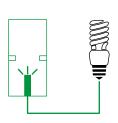
Night-time location signalling

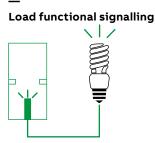




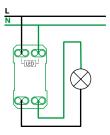
The 2CSY1632MY and 2CSY1633MY LEDs can be added to conventional switches (see page 45) for night-time location. The LED electrically connected in parallel with the ON operating mechanism: it is lit when the load is off (OFF command), and it turns off when the load is powered (ON command).

Location signalling (Always ON)

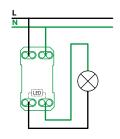




Switches with incorporated LED (see page 50) have preinstalled 250V~ LEDs and dedicated terminals for wiring. It is possible to implement any type of functional indication, also with LEDs at different voltages.



Wiring of double-pole switches 2CSY1006MC/S for Always ON signalling. The LED is built in.



Wiring of double-pole switches 2CSY1006FC/S for load functional indication. The LED is built in.

Installation details

No. Modules	Boxes	Mounting frames	Modules	Cover plate
2 modules			1 + 1 modules 2 modules	
3 modules			1 + 1 + 1 modules 1 + 2 modules	
4 modules			1+1+1+1 modules *	
7 modules			1+1+1+1+ modules *	
4+4 modules			1+1+1+1 modules* + 1+1+1+1 modules*	

 $^{{\}bf *Other\ modularity\ configurations\ available}$

Switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Single-pole switch 16A - 250V~			•	Double-pole switch 16A - 250V~ with key control		
	2CSY1001MC	2CSY216055R1001			2CSY1007MC	2CSY216355R1007	
	Single-pole switch 16A - 250V~			0	Double-pole switch 16A - 250V~ with key control		
	2CSY1001MS	2CSY217395R1001			2CSY1007MS	2CSY217695R1007	
_ 0 _	Double-pole switch 16A - 250V~				Double-pole switch 16A - 250V~ with universal key co	ntrol	
	2CSY1002MC	2CSY216065R1002			2CSY1007MCU	2CSY220765R1007	
• • • • • • • • • • • • • • • • • • •	Double-pole switch 16A - 250V~			0	Double-pole switch 16A - 250V~ with universal key co	ntrol	
	2CSY1002MS	2CSY217405R1002			2CSY1007MSU	2CSY220775R1007	
	Single pole switch 16A - 250V~ two modules						
	2CSY1001XC	2CSY216075R1001					
	Single pole switch 16A - 250V~ two modules						
	2CSY1001XS	2CSY217415R1001	,				

Two-way switches – Intermediate switch – Change-over switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Single-pole two- 16A - 250V~	way switch			Intermediate switch 16A - 250V~		
	2CSY1003MC	2CSY216085R100	03	UU	2CSY1010MC	2CSY216105R1010	
	Single-pole two- 16A - 250V~	way switch			Intermediate switch 16A - 250V~		
	2CSY1003MS	2CSY217425R100)3		2CSY1010MS	2CSY217445R1010	
	Single-pole two- 16A - 250V~ two modules	way switch			Intermediate switch 16A - 250V~ two modules		
	2CSY1003XC	2CSY216095R100)3		2CSY1010XC	2CSY216115R1010	
	Single-pole two- 16A - 250V~ two modules	way switch			Intermediate switch 16A - 250V~ two modules		
	2CSY1003XS	2CSY217435R100	93		2CSY1010XS	2CSY217455R1010	
				- 0 -	Change-over switch 10A - 250V~ three-position with central OFF		
					2CSY1011MC	2CSY216125R1011	
				Ŷ	Change-over switch 10A - 250V~ three-position with central OFF		
					2CSY1011MS	2CSY217465R1011	

Push switches

roduct	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push	switch			Double single-pol	le push switch	
	16A - 250V~			^	16A - 250V~		
	normally open			_ ^ _	NO + NO,		
				~	with interlock		
	2CSY1005MC	2CSY216135R100	5		2CSY1018MS	2CSY217505R1018	
	Single-pole push	switch		ملقام	Double single-pol	le push switch	
	16A - 250V~			(0)	16A - 250V~		
	normally open				NO+NO		
100					modular		
				ésia.			
	2CSY1005MS	2CSY217475R100	 5		2CSY1017MY	2CSY223225R1017	
	Single-pole push	switch				switch with pull cord	,
	16A - 250V~			1000	16A - 250V~, norm	nally open.	
	normally closed				Supplied with 2.25	5 m cord	
	2CSY1016MC	2CCV21614ED101			2C5V1020MC	2CCV216175D1020	
	2C5 11016MC	2CSY216145R101			2CSY1020MC	2CSY216175R1020	
_	Single-pole push s	witch			Single-nole nush	switch with pull cord	
1000	16A - 250V~	Witch		<u> </u>	16A - 250V~, norm		
100	normally closed			1	Supplied with 2.25		
	normany crosed				Supplied With L.L.	5 III cord	
	2CSY1016MS	2CSY217485R101	6		2CSY1020MS	2CSY217515R1020	
	Double single-pol	e nuch switch			Single-nole nush	switch with pull cord	
	16A - 250V~	e pusii switcii		-(-)	16A - 250V~, norm		
	NO + NO				Supplied with 2.25		
	110 - 110				Supplied With L.L.	5 III cord	
	2CSY1017MC	2CSY216155R101	7		2CSY1021MC	2CSY216185R1021	
	Double single-pol	e push switch		\cap		switch with pull cord	
	16A - 250V~				16A - 250V~, norm		
	NO + NO				Supplied with 2.25	5 m cord	
	2CSY1017MS	2CSY217495R101	7		2CSY1021MS	2CSY217525R1021	
	Double single-pol	e push switch			Single-pole push	switch	
	16A - 250V~				16A - 250V~,		
_ ^ _	NO + NO,			- 1	1 NO + 1 NC,		
~	with interlock			,	with ON symbol		
					,		
				-			

Push switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	1						
	Single-pole push s	witch		-	Single-pole push	switch	
	16A - 250V~,				16A - 250V~,		
- 1 -	1 NO + 1 NC,			- 5-	normally open,		
	with ON symbol				with stairlight syn	nbol	
	2CSY1022MS	2CSY217535R1022	2		2CSY1030MC	2CSY216235R1030	
	Single-pole push s	witch			Single-pole push	switch	
	16A - 250V~,				16A - 250V~,		
- 0 -	1 NO + 1 NC,			- 5	normally open,	-11	
	with OFF symbol				with stairlight syn	IDOI	
	2CSY1023MC	2CSY216205R1023	3		2CSY1030MS	2CSY217575R1030	
	Single-pole push s	witch			Double-pole push	switch	
	16A - 250V~,			0	16A - 250V~,		
0	1 NO + 1 NC,			(D)	with key control		
	with OFF symbol						
	2CSY1023MS	2CSY217545R1023	2		2CSY1008MC	2CSY216365R1008	
	20311023143	203121734311023			20311000110	2031210303K1000	
	Single-pole push s	witch		and and a second	Double-pole push	switch	-
	16A - 250V~,			0	16A - 250V~,		
- Δ -	normally open,			(I	with key control		
4.4	with bell symbol				,		
	•						
	2CSY1028MC	2CSY216215R1028	3		2CSY1008MS	2CSY217705R1008	
	Single pelenuche	i+ah			Daubla nalanush	awitah	
	Single-pole push si 16A - 250V~,	WILCH		0	Double-pole push 16A - 250V~,	SWILCH	
	normally open,				with universal key	control	
Δ	with bell symbol			•	with universal key	Control	
	with bell symbol						
	2CSY1028MS	2CSY217555R1028	3		2CSY1008MCU	2CSY220785R1008	
	Single-pole push s	witch			Double-pole push	switch	
	16A - 250V~,			0	16A - 250V~,		
	normally open,			((with universal key	control	
	with key symbol						
	2CSY1029MC	2CSY216225R1029			2CSY1008MSU	2CSY220795R1008	
		LCS LIULLS NIUE :			203120001130	EC3 EE01 33K1000	
	Single-pole push s	witch					
100	16A - 250V~,	- =					
-	normally open,						
	with key symbol						
	, ,						
	2CSY1029MS	2CSY217565R1029	9				

Relay

Mylos® – Screwless switchesSwitches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
ф	Single-pole latching with 230V~ coil, output contact 10A	relay		-	Single-pole switch 16A - 250V∼ €R		
	2CSY1012MC	2CSY216375R1012			2CSY1001SC	2CSY216395R1001	
ф	Single-pole latching with 230V~ coil, output contact 10A	relay			Single-pole switch 16A - 250V∼ GR		
	2CSY1012MS	2CSY217715R1012			2CSY1001SS	2CSY217735R1001	
ф	Monostable relay with 230V~ coil, output contact 10A				Double-pole switch 16A - 250V∼ €R		
	2CSY1014MC	2CSY216385R1014			2CSY1002SC	2CSY216405R1002	
ф	Monostable relay with 230V~ coil, output contact 10A				Double-pole switch 16A - 250V~ 保		
	2CSY1014MS	2CSY217725R1014			2CSY1002SS	2CSY217745R1002	
					Single-pole switch 16A - 250V~, two modules		
					2CSY1001ZC	2CSY216415R1001	
					Single-pole switch 16A - 250V~, two modules		
					2CSY1001ZS	2CSY217755R1001	

Mylos® – Screwless switches

Two-way switches – Intermediate switch Push switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
			,				
	Single-pole two-v 16A - 250V~	way switch			Single-pole push 16A, normally ope		
-	### #################################			-	R	=11	
	•••				•••		
	2CSY1003SC	2CSY216425R1003			2CSY1005SC	2CSY216475R1005	
	Single-pole two-v 16A - 250V~	way switch			Single-pole push 16A, normally ope		
	€ R				(R		
-				-			
	2CSY1003SS	2CSY217765R1003			2CSY1005SS	2CSY217815R1005	
	Single-pole two-v 16A - 250V~, two v						
_	(R	noddies					
	2CSY1003ZC	2CSY216435R1003					
	Single-pole two-v						
	16A - 250V~, two i 保	modules					
	ı						
	2CSY1003ZS	2CSY217775R1003					
	Intermediate swi	tch					
	16A - 250V~						
	e R						
	2CSY1010SC	2CSY216445R1010					
	2031101030	2C31210443K1010					
	Intermediate swi	tch					
	16A - 250V~						
	(R						
	2CSY1010SS	2CSY217785R1010					
	Intermediate swi	t a b					
	16A - 250V~, two						
	er er						
-							
	2CSY1010ZC	2CSY216455R1010					
	Intermediate swi 16A - 250V~, two i						
	(名 - 250V~, two i	nodules					
	""						
	1						
	2CSY1010ZS	2CSY217795R1010					

Mylos® – Switches with incorporated LED

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Single-pole switch				Single-pole push swi	itch	
	16A - 250V~				16A - 250V~,		
-	(incorporated LED)				normally open		
					(incorporated LED)		
	2CSY1004FC	2CSY216245R1004			2CSY1015FC	2CSY216275R1015	
	Cinale nelectivite				Single-pole push swi	it als	
	Single-pole switch 16A - 250V~				16A - 250V~,	ittii	
-	(incorporated LED)			-	normally open		
					(incorporated LED)		
	2CSY1004FS	2CSY217585R1004			2CSY1015FS	2CSY217615R1015	
	Double-pole switch				Single-pole push swi	itch	
	16A - 250V~,				16A - 250V~,		
_ 0 _	with incorporated LI	ED			normally open		
1	(functional indication	n always ON)			with red diffuser		
	•				(incorporated LED)		
					(,		
	2CSY1006MC	2CSY216255R1006			2C5Y1024MC	2CSY216285R1024	
	Double-pole switch				Single-pole push swi	itch	
	16A - 250V~,				16A - 250V~,		
_ 0 _	with incorporated L	ED			normally open,		
1	(functional indication	n always ON)			with red diffuser		
					(incorporated LED)		
	2CSY1006MS	2CSY217595R1006			2CSY1024MS	2CSY217625R1024	
		_					
	Double-pole switch				Single-pole push swi	itch	
	16A - 250V~,			•	16A - 250V~,		
_	with incorporated LI				normally open,		
1	(load functional indi	cation)			with green diffuser		
					(incorporated LED)		
	2CSY1006FC	2CSY216265R1006			2CSY1025MC	2CSY216295R1025	
	2C511006FC	2C31210203R1000			2C311025MC	2C51210295R1025	
	Double-pole switch			pienie	Single-pole push swi	itch	
	16A - 250V~,				16A - 250V~,		
0	with incorporated LI	=D			normally open,		
	(load functional indi				with green diffuser		
	(load functional indi	cation)					
					(incorporated LED)		
	2CSY1006FS	2CSY217605R1006			2CSY1025MS	2CSY217635R1025	
					Cinale nele	itah	
					Single-pole push swi	tcn	
					16A - 250V~,		
					normally open,		
					with orange diffuser		
					(incorporated LED)		
					2CEV1026MC	2CCV21620ED102C	
					2CSY1026MC	2CSY216305R1026	-

Pack/Qty

Mylos® – Switches with incorporated LED

Product

Article-No.

16A - 250V~, normally open,

Single-pole push switch

2CSY1032MS

with backlit label holder, 3 modules (incorporated LED)

Order-No.

2CSY217675R1032

Product	Article-No.	Order-No.	Pack /Otto
Product	Article-No.	Order-No.	Pack/Qty
	Cinalo mala must		
	Single-pole push switch, 16A - 250V~,		
	normally open, with	orange diffuser	
	(incorporated LED)	orange anrase.	
	2CSY1026MS	2CSY217645R1026	
7	Single-pole push sw	itch	
	16A - 250V~,		
	normally open, with (incorporated LED)	white diffuser	
	(Incorporated LED)		
	2CSY1027MC	2CSY216315R1027	
	Single-pole push sw	itch	
•	16A - 250V~,		
	normally open,		
	with white diffuser		
	(incorporated LED)		
	2CSY1027MS	2CSY217655R1027	
طنتاء	Single-pole push sw	itch with warning light	
	16A - 250V~		
	normally open,		
(O)	modular (incorporat	ed LED)	
die			
	2CSY1027MY	2CSY223235R1027	
	Single-pole push sw	itch	
	16A - 250V~,		
	normally open,		
	with backlit label hol	· ·	
	2 modules (incorpor	ated LED)	
	2CSY1031MC	2CSY216325R1031	
	Lesitosine	Legizioszskiosi	
	Single-pole push sw	itch	
	16A - 250V~,		
-	normally open,		
	with backlit label ho		
	2 modules (incorpor	ated LED)	
	2CSY1031MS	2CSY217665R1031	
	FC21103TM2	7C21511002K1031	
	Single-pole push sw	 itch	
	16A - 250V~,		
	normally open,		
	with backlit label ho	der,	
	3 modules (incorpor	ated LED)	
	2CSY1032MC	2CSY216335R1032	

Mylos® – Key covers

1 module key covers

roduct	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Key cover 1 module				Key cover 1 module		
	generic				with fan symbol		
				- & -			
	2CSY1501MC	2CSY217335R1501			2CSY1505MC	2CSY220865R1505	
	2C5 11501MC	2C5Y217335R15U1			2C511505MC	2C51220865R1505	
	Key cover 1 module	,	,		Key cover 1 module		
	generic				with fan symbol		
				*			
	20074 504 40	200721040501501			2007450540	2007/22007504505	
	2CSY1501MS	2CSY218495R1501			2CSY1505MS	2CSY220875R1505	
	Key cover 1 module				Key cover 1 module		
	with nurse symbol				with telephone sym	bol	
- g -				- 6 -			
	2CSY1502MC	2CSY220805R1502			2CSY1506MC	2CSY220885R1506	
	Key cover 1 module	,		_	Key cover 1 module		
	with nurse symbol				with telephone sym		
				- 6 -			
	2CSY1502MS	2CSY220815R1502			2CSY1506MS	2CSY220895R1506	
	Mary agrees 4 mag dula				Variation 1 mandula		
	Key cover 1 module with table lamp sym	ool			Key cover 1 module with door/gate oper		
— Ď —				- 416-			
	2CSY1503MC	2CSY220825R1503			2CSY1507MC	2CSY220905R1507	
	Key cover 1 module				Key cover 1 module		
- <u>o</u> -	with table lamp sym	001		-10-	with door/gate oper	i Symbol	
-				36			
	2CSY1503MS	2CSY220835R1503			2CSY1507MS	2CSY220915R1507	
	Key cover 1 module	,			Key cover 1 module		
	with dimmer symbol				with door/gate clos	e symbol	
				- 316			
	2CSY1504MC	2CSY220845R1504			2CSY1508MC	2CSY220925R1508	
	Key cover 1 module				Key cover 1 module		
	with dimmer symbol				with door/gate clos		
				16			

Mylos® – Key covers

1 module key covers

1/2 modules key covers

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
0 -	Key cover 1 module with all off symbol			ī	Key cover 1/2 mo generic	dule	
	2CSY1509MC	2CSY231305R1509			2CSY1511MC	2CSY217345R1511	
- o -	Key cover 1 module with all off symbol				Key cover 1/2 mo generic	dule	
	2CSY1509MS	2CSY231315R1509			2CSY1511MS	2CSY218505R1511	
8 -	Key cover 1 module with do not disturb s			ī	Key cover1/2 mode with red diffuser	dule	
	2CSY1524MC	2CSY231325R1524			2CSY1513MC	2CSY217355R1513	
	Key cover 1 module				Key cover 1/2 mo	dula	
- 8 -	with do not disturb				with red diffuser	uuie	
	2CSY1524MS	2CSY231335R1524			2CSY1513MS	2CSY221095R1513	
- vit -	Key cover 1 module with make up room symbol				Key cover 1/2 mo with green diffuse		
	2CSY1525MC	2CSY231345R1525			2CSY1514MC	2CSY217365R1514	
iı -	Key cover 1 module with make up room s				Key cover 1/2 mo with green diffuse		
	2CSY1525MS	2CSY231355R1525			2CSY1514MS	2CSY221105R1514	
- ¥ -	Key cover 1 module with light symbol				Key cover 1/2 mo with orange diffu		
	2CSY1526MC	2CSY231365R1526		-	2CSY1515MC	2CSY217375R1515	
- * -	Key cover 1 module with light symbol				Key cover 1/2 mo with red diffuser		
	2CSY1526MS	2CSY231375R1526			2CSY1515MS	2CSY221115R1515	

Mylos® – Key covers

1/2 modules key covers

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Var. 2010 1 /2 72 2	lula.				dolo	
	Key cover 1/2 mod with clear diffuser				Key cover 1/2 mo with door/gate op		
				4][2			
	2CSY1516MC	2CSY217385R1516	6		2CSY1520MC	2CSY221005R1520	
	Key cover 1/2 mod with clear diffuser				Key cover 1/2 mo with door/gate op		
				বুচ	75 1	,	
	2CSY1516MS	2CSY221125R1516	6		2CSY1520MS	2CSY221015R1520	
						200122101011020	
	Key cover 1/2 mod with blue diffuser	lule			Key cover 1/2 mo		
_	with blue diffuser			35	with door dooryga	ite close symbol	
100							
	2CSY1517MC	2CSY220945R151			2CSY1521MC	2CSY221025R1521	
	Key cover 1/2 mod	lule			Key cover 1/2 mo		
_	with blue diffuser			_	with door door/ga	ate close symbol	
100				2][4			
	2CSY1517MS	2CSY220955R1517	7		2CSY1521MS	2CSY221035R1521	
	Key cover 1/2 mod	lule			Key cover 1/2 mo	dule	
	with door vertical	arrow			with make up roor	m symbol	
~				₽ ₹1.			
	2CSY1518MC	2CSY220965R1518	8		2CSY1522MC	2CSY231385R1522	
	Key cover 1/2 mod	lule			Key cover 1/2 mo	dule	
	with door vertical				with make up roor		
~				.ėt			
	2CSY1518MS	2CSY220975R1518	8		2CSY1522MS	2CSY231395R1522	
	Vou cover 1/2 m = -	lula			Key cover 1/2 mo	dulo	
	Key cover 1/2 mod with door horizont				with do not distur		
>				8			
	2CSY1519MC	2CSY220985R1519	9		2CSY1523MC	2CSY231405R1523	
	Key cover 1/2 mod with door horizont				Key cover 1/2 mo with do not distur		
· ·				8		•	

Italian/German standard socket outlets

with safety shutters and side/central earth

Mylos® – Socket outlets

Italian standard socket outlets with safety shutters

2CSY1106MA

2CSY216525R1106

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outle			27	2P+E socket outle 16A - 250V~, P30		
•	10A - 250V~, P11 t	type			16A - 250V~, P301	type	
	2CSY1101MC	2CSY216485R1101			2CSY1108MC	2CSY216535R1108	3
	2P+E socket outle				■ 2P+E socket outle		
	10A - 250V~, P11 t				16A - 250V~, P30		
•				6000	1		
1				AA			
	2CSY1101MS	2CSY217825R1101			2CSY1108MS	2CSY217845R1108	3
		,					
	2P+E socket outle			-	2P+E socket outle	ets	
	10/16A - 250V~, P	17/11 type		1	16A - 250V~,		
•					P30 type coloured	d for privileged circuits	
				-			
	2CSY1103MC	2CSY216495R1103	l		2CSY1114MR	2CSY216585R1114	ļ
	2P+E socket outle			1	2P+E socket outle	ets	
	10/16A - 250V~, P	17/11 type			16A - 250V~, P30 type coloured	d for privileged circuits	
				4 2 2 2			
	26674102146	266721202501102			20071115107	200721050501111	-
	2CSY1103MS	2CSY217835R1103			2CSY1115MV	2CSY216595R1115)
	2P+E socket outle				2P+E socket outle	ots	
8	16A - 250V~, P17/			-	16A - 250V~,	cts	
•	coloured for privi	leged circuits			P30 type coloured	d for privileged circuits	
8				4			
	2CSY1104MR	2CSY216505R1104	ļ.		2CSY1116MA	2CSY216605R1116	5
		ı	-				
	2P+E socket outle	et					
8	16A - 250V~, P17/						
•	coloured for privi	leged circuits					
	2CSY1105MV	2CSY216515R1105	i				
	2P+E socket outle						
	16A - 250V~, P17/ coloured for privil						
	22.22.30.0. 61111	- 5					

Mylos® – Socket outlets

Italian/German standard socket outlets with safety shutters and side/central earth

British socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
•••	2P+E socket outl 16A - 250V~, P30,			1	Socket outlet 2P+ UK standard	T 13A	
	2CSY1109MC	2CSY216545R110	09		2CSY1134MC	2CSY234403R113	4
•••	2P+E socket outl 16A - 250V~, P30,				Socket outlet 2P+ UK standard	T 13A	
\ <u>A</u> /	2CSY1109MS	2CSY217855R110	09		2CSY1134MS	2CSY235423R113	4
•••	2P+E socket outl 16A - 250V~, P30/17 type colo	l ets ured for privileged circ	cuits	•	Socket outlet 2P+ UK standard	+T 16A	
	2CSY1110MR	2CSY216555R111	10		2CSY1164MC	2CSY234383R116	4
***	2P+E socket out! 16A - 250V~, P30/17 type colo	l ets ured for privileged circ	uits	•	Socket outlet 2P+ UK standard	T 16A	
	2CSY1111MV	2CSY216565R111	11		2CSY1164MS	2CSY235413R116	4
•••	2P+E socket outl 16A - 250V~, P30/17 type colo	l ets ured for privileged circ	cuits				
	2CSY1112MA	2CSY216575R111	12				

Mylos® – Socket outlets

16A - Euro-American standard

2CSY231665R1146

2CSY1146MS

American socket outlets

French socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
3	Socket outlet 2P+T 15A 127V~, US standard				2P+E socket outl 16A - French stan		
	2CSY1145MC	2CSY228105R1145			2CSY1144MC	2CSY231425R1144	
	Socket outlet 2P+T 15A 127V~, US standard				2P+E socket outl 16A - French stan		
	2CSY1145MS	2CSY228115R1145			2CSY1144MS	2CSY231435R1144	
•	2P socket outlet 16A - Euro-Americ	an standard					
	2CSY1146MC	2CSY231655R1146					
	2P socket outlet						

Mylos® – Socket outlets

Special socket outlets

TV/SAT socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
		,					
		outlet with insulating			Coaxial TV/SAT se		
FF, -•		V~ 50/60Hz Output v rd 2P socket outlet) o			direct, male IEC co	onnector, Ø 9.5 mm, DC	
E 3	socket outlet, P11		7 L30V (L1	6			
	20071112140	2007210015011	12		20071110M0	2CCV21CC0ED1110	
	2CSY1113MC	2CSY216615R11	13	-	2CSY1118MC	2CSY216685R1118	
	2D shaver socket	outlet with insulating	a transformer	-	Coaxial TV/SAT s	ocket outlets	
		V~ 50/60Hz Output v	_		-	onnector, Ø 9.5 mm, DC	
		rd 2P socket outlet) o	or 230V~				
\sim	(2P socket outlet,	P11 type)					
				-			
	2CSY1113MS	2CSY217865R11	13		2CSY1118MS	2CSY217935R1118	
		A USB charging unit	_		Coaxial TV/SAT s		
n	with type A male o ~ 50 / 60Hz, 5V DO	connector, 250V power	er supply,		feedthrough, mal Ø 9.5 mm, attenua		
	19 30 / 00Hz, 3V DC	2 output voitage		6	9.5 mm, accento	ation 7 db	

	2CSY1161MC	2CSY234373R11	61		2CSY1132MC	2CSY216695R1132	
	Elush-mounted 2	1A USB charging unit	•		Coaxial TV/SAT s	ocket outlets	
		connector, 230V power			feedthrough, male		
	~ 50 / 60Hz, 5V DO	Coutput voltage			Ø 9.5 mm, attenua	ation 7 dB	
8							
				-			
	2CSY1162MS	2CSY234072R11	.62		2CSY1132MS	2CSY217945R1132	
					Coaxial TV/SAT s		
					attenuation 10 dB	e IEC connector, Ø 9.5 mm	1,
					2CSY1136MC	2CSY216705R1136	
				-	20311130110	2C31210103K1130	
					Coaxial TV/SAT se	ocket outlets	
					•	e IEC connector, Ø 9.5 mm	١,
					attenuation 10 dB	•	
				-			
					2CSY1136MS	2CSY217955R1136	
					Coaxial TV/SAT se		
					attenuation 14 dB	e IEC connector, Ø 9.5 mm	ι,
				0			
					2CSY1137MC	2CSY216715R1137	
					EC31113/MC	2C31210113K1131	
					Coaxial TV/SAT se	ocket outlets	
					feedthrough, mal	e IEC connector, Ø 9.5 mm	١,
					attenuation 14 dB	1	
				-			

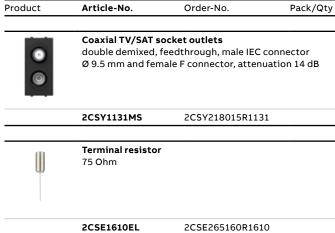
Mylos® – Socket outlets

TV/SAT socket outlets

Product	Article-No.	Order-No.	Pack/Qty
		-	
	Coaxial TV/SAT so		
0	direct, female F co	onnector, DC	
	2CSY1140MC	2CSY216725R114	0
•	Coaxial TV/SAT so direct, female F co		
	2CSY1140MS	2CSY217975R114	0
0	Coaxial TV/SAT so double demixed, f Ø 9.5 mm and fem	eedthrough, male IEC	connector,
	2CSY1133MC	2CSY216735R113	3
	Coaxial TV/SAT so double demixed, f Ø 9.5 mm and fem	eedthrough, male IEC	connector,
	2CSY1133MS	2CSY217985R113	3
0		ocket outlets eedthrough, male IEC o ale F connector, attenu	
	2CSY1130MC	2CSY216755R113	0
		ocket outlets eedthrough, male IEC o ale F connector, attent	
	2CSY1130MS	2CSY218005R113	0
0		ocket outlets eedthrough, male IEC o ale F connector, attenu	

2CSY1131MC

2CSY216765R1131



Mylos® - Socket outlets

Network and telephone socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Telephone conne RJ11	ctor			R345 connector Cat.6, UTP (unshi	elded)	
	2CSY1121MC	2CSY216775R1121			2CSY1127MC	2CSY216815R1127	
	Telephone conne RJ11	ctor			RJ45 connector Cat.6, UTP (unshi	elded)	
	2CSY1121MS	2CSY218025R1121			2CSY1127MS	2CSY218065R1127	,
	Telephone conne RJ12	ctor			RJ45 connector Cat.6, FTP (shield	ed)	
	2CSY1122MC	2CSY216785R1122			2CSY1128MC	2CSY216825R1128	1
	ZCSY1122MC 2CSY216785R1122 Telephone connector RJ12			R345 connector Cat.6, FTP (shield	ed)		
	2CSY1122MS	2CSY218035R1122			2CSY1128MS	2CSY218075R1128	
<u> </u>	RJ45 connector Cat.5e, UTP (unsh	ielded)			Adapter for RJ45 Keystone type	connector	
	2CSY1124MC	2CSY216795R1124			2CSY1135MC	2CSY216835R1135	i
	RJ45 connector Cat.5e, UTP (unsh	ielded)			Adapter for RJ45 Keystone type	connector	
	2CSY1124MS	2CSY218045R1124			2CSY1135MS	2CSY218085R1135	<u> </u>

Mylos® – Protection devices

Fuse holders and overvoltage limiters

Miniature circuit-breakers – Residual current circuit-breakers

roduct	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
0	Fuse holder Ø5x20 / Ø6.3x32,	16A			Automatic MCB 1P+N, C6, breakin	g capacity 1.5kA	
				CS			
	2CSY1301MC	2CSY216845R13	01		2CSY1304MC	2CSY216865R1304	
0	Fuse holder Ø5x20 / Ø6.3x32,	16A		a	Automatic MCB 1P+N, C6, breakin	g capacity 1.5kA	
	2CSY1301MS	2CSY218095R13	01		2CSY1304MS	2CSY218115R1304	
8	Surge protection 75J, 250V~	device limiter		500	Automatic MCB 1P+N, C10, breaki	ng capacity 3kA	
	2CSY1302MC	2CSY216855R130	02		2CSY1305MC	2CSY216875R1305	
8	Surge protection device limiter 75J, 250V~			Cro	Automatic MCB 1P+N, C10, breaki	ng capacity 3kA	
	2CSY1302MS	2CSY218105R130	02		2CSY1305MS	2CSY218125R1305	
	Spare protection	for surge protection	device	C16	Automatic MCB 1P+N, C16, breaki	ng capacity 3kA	
	2CSY1302MY	2CSY221255R130	02		2CSY1306MC	2CSY216885R1306	
				Ств	Automatic MCB 1P+N, C16, breaki	ng capacity 3kA	
					2CSY1306MS	2CSY218135R1306	
			Có I _{tot} = 10mA	Automatic RCD 1P+N, C6 - 10 mA, breaking capacity			

Mylos® – Signalling devices

2CSY1313MS

2CSY218235R1313

Warning lights

Mylos® – Protection devices

Miniature circuit-breakers Residual current circuit-breakers

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
TEST	Automatic RCD 1P+N, C6 - 10 mA, breaking capacity				Orange warning ligh (incorporated LED)	t	
	2CSY1307MS	2CSY218145R1307			2CSY1310MC	2CSY216955R1310	
CHO Lactions	Automatic RCD 1P+N, C10 - 10 mA breaking capacity				Orange warning ligh (incorporated LED)	it	
	2CSY1308MC	2CSY216905R1308			2CSY1310MS	2CSY218205R1310	
TEST COO I _{SA} =100A	Automatic RCD 1P+N, C10 - 10 mA breaking capacity			,,,	White warning light (incorporated LED)		
	2CSY1308MS	2CSY218155R1308			2CSY1311MC	2CSY216965R1311	
	Automatic RCD 1P+N, C16 - 10 mA breaking capacity				White warning light (incorporated LED)		
	2CSY1309MC	2CSY216915R1309			2CSY1311MS	2CSY218215R1311	
TEST TOPA	Automatic RCD 1P+N, C16 - 10 mA breaking capacity			.1.	Red warning light (incorporated LED)		
	2CSY1309MS	2CSY218165R1309			2CSY1312MC	2CSY216975R1312	
					Red warning light (incorporated LED)		
					2CSY1312MS	2CSY218225R1312	
					Green warning light (incorporated LED)		
					2CSY1313MC	2CSY216985R1313	
					Green warning light (incorporated LED)		

Mylos® – Signalling devices

Bells and buzzers

Product	Article-No.	Order-No.	Pack/Qty
	Flactor 1		
	Electro-mechanic 12V, 5VA power,	cal bell	
$C \supset$	80dB sound inten	sity	
	2CSY1317MC	2CSY216995R1317	
	LEGITATIVE		
	Electro-mechanic	al bell	
	12V, 5VA power,		
	80dB sound inten	sity	
	2CSY1317MS	2CSY218245R1317	
	Electro-mechanic	al bell 80dB sound intensity	
	,	,	
	2CSY1318MC	2CSY217005R1318	
	, ,	"	
	Electro-mechanic		
	230V, 8VA power,	80dB sound intensity	
	0.001/1.01/0	200701025581212	
	2CSY1318MS	2CSY218255R1318	
	Electro-mechanic	cal buzzer	
-	12V, 5VA power, 7	0dB sound intensity	
	2CSY1321MC	2CSY217015R1321	
		<u></u>	
	Electro-mechanic 12V, 5VA power, 7	OdB sound intensity	
		,	
-			
	2CSY1321MS	2CSY218265R1321	
	Electro-mechanic		
רח	23UV, 8VA power,	80dB sound intensity	
	20671333740	200/21702501222	
	2CSY1322MC	2CSY217025R1322	
_	Electro-mechanic	cal buzzer	
		80dB sound intensity	
	2CSY1322MS	2CSY218275R1322	

Mylos® – Comfort and safety devices

Thermostats and time-programmable thermostats

Dimmers

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty		
208c	day/week progra	ime-programmable thermostat rogramming, summer/winter function, splay, 3 modules, powered by 1.5V AA		Electronic dimmer with rotary control for resistive loads 100-500W 230V~ 50/60Hz					
	2CSY2201MC	2CSY217066R22	01		2CSY1205MC	2CSY217125R12	05		
208c	day/week progra	programmable thermo amming, summer/winto , 3 modules, powered b	er function,	°	Electronic dimme with rotary contr 100-500W 230V~	ol for resistive loads			
	2CSY2201MS	2CSY218316R22	01		2CSY1205MS	2CSY218375R12	05		
8,208c i	Electronic thermostat summer/winter function with LCD display, with pus					lectronic dimmer rith push-button control for resistive and inductive eads 60-500W (60-500VA) 230V~ 50/60Hz			
	2CSY1202MC	2CSY217075R120	02		2CSY1206MC	2CSY217135R12	06		
8:208c : 6:	Electronic thermostat summer/winter function with LCD display, 3 temperature levels can be set, 3 modules, powered by 1.5V AA battery		-		•	er a control for resistive a 50-500VA) 230V~ 50/6			
	2CSY1202MS	2CSY218325R12	02		2CSY1206MS	2CSY218385R12	06		
218 c	day/week progra	programmable thermo amming, summer/winto , 2 modules, 230V~ 50/	er function,	°		er ol and two-way switch s 100-500W 230V~			
	2CSY1201XC	2CSY217085R12	01		2CSY1207MC	2CSY217145R12	07		
218°C	day/week progra	programmable thermo amming, summer/winto , 2 modules, 230V~ 50/	er function,	°		er ol and two-way switch s 100-500W 230V~			
	2CSY1201XS	2CSY218335R12	01		2CSY1207MS	2CSY218395R12	07		



2CSY1202XC

Electronic thermostat, summer/winter function with LCD display, 3 temperature levels can be set, 2 modules 230V~50/60Hz power supply

2CSY217095R1202

Electronic thermostat, summer/winter function with LCD display, 3 temperature levels can be set, 2 modules 230V~50/60Hz power supply

2CSY1202XS 2CSY218345R1202

Mylos® – Comfort and safety devices

Gas detectors

Emergency lighting

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	with acoustic a relay output, 1 (AC1)/2A (AC15	ctronic detector and luminous signal NO/NC change-over cor 5) - 250V~. Power supply dedicated frame for ins	230V~ - 50Hz.			movable light .5 h and recharge time with 230V~ socket out	
	2CSY1210MC	2CSY217035R12	10		2CSY1214MC	2CSY217155R12	14
	with acoustic a relay output, 1 N (AC15) - 250V~.	ctronic detector and luminous signal NO/NC change-over con Power supply 230V~ - 50 frame for installation on	OHz. Equipped			movable light .5 h and recharge time with 230V~ socket out	
	2CSY1210MS	2CSY218285R12	210		2CSY1214MS	2CSY218405R12	214
	relay output, 1 N (AC15) - 250V~.	onic detector und luminous signal NO/NC change-over con Power supply 230V~ - 50 frame for installation on	OHz. Equipped	V-11-1	2-module plugga to 2h and rechard 50/60Hz. It turns installed if a blac	le lamp for emergency ble blackout lamp. Ch ge time 48h. Power su on to enlightening ar kout occurs. The lamp sed as a portable torc	arge reserve up pply 230V~ - eas where it is can be
	2CSY1211MC	2CSY217045R12	11		2CSY1236MY	2CSY218762R12	236
	relay output, 1 N (AC15) - 250V~.	onic detector and luminous signal NO/NC change-over con Power supply 230V~ - 50 frame for installation on	OHz. Equipped		1M anti black-out lamp LED light for emergency lighting for steplight. Ch reserve up to 2h and recharge time 48h. Power sul 230V~ - 50/60Hz.		
	2CSY1211MS	2CSY218295R12	211		2CSY1235MY	2CSY218902R12	225

Mylos® – Comfort and safety devices

Other devices

Card holder 3 Modules

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
6	IR motion detector with twilight sens	or sor and adjustment of	operation time	€ (A)	Card holder 3 Mo	odules	
	2CSK1626MC	2CSY279081R16	26		2CSY1427MC	2CSY228055R1427	
	IR motion detector with twilight sens	or oor and adjustment of	operation time	€ (4)	Card holder 3 Mo	odules	
	2CSY1626MS	2CSY226581R16	26		2CSY1427MS	2CSY228065R1427	
0	IR receiver for rer 1-channel, 230V~	note control					
	2CSY1217MC	2CSY217205R12	17				
0	IR receiver for rer 1-channel, 230V~	note control					
	2CSY1217MS	2CSY218445R12	217				
	Portable remote 6 channels / 3 bar						
	2CSE1217EL	2CSE264610R12	17				
	- Universal badge s	witch with location l	ight				
	2CSY1426MC	2CSY217225R14	26				
	Universal badge s	witch with location l	ight				
	2CSY1426MS	2CSY218455R14	.26				

Mylos® – Installation devices, accessories

Blank covers

Mounting grids

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty	
	Blank cover 1 module					ting grid ush mounted boxes x56mm screw distance		
	2CSY1601MC	2CSY217235R160	1		2CSY1602MY	2CSY217275R160	2	
	Blank cover 1 module				2-modules mount (with claws) for ro	t ing grid ound box (screw distan	ce 60 mm)	
	2CSY1601MS	2CSY218465R160	1		2CSY1612MY	2CSY217285R161	2	
	Blank cover, 1/2 module				3-modules mount for rectangular bo	ting grid ox (screw distance 83,5	i mm)	
	2CSY1600MC	2CSY217245R160	0		2CSY1603MY	2CSY217295R160	3	
Ì	Blank cover 1/2 module				4-modules mount for rectangular bo	ting grid ox (screw distance 108	8 mm)	
	2CSY1600MS	2CSY218475R160	0		2CSY1604MY	2CSY217305R160	14	
0	Blank cover 1 module with ho	le for cable outlet, Ø 11	.50 mm		7-modules mount for rectangular bo	t ing grid ox (screw distance 100	mm)	
	2CSY1606MC	2CSY217255R160	6		2CSY1607MY	2CSY217315R160	7	
	Blank cover 1 module with ho	le for cable outlet, Ø 11	.50 mm		4+4-modules mod for rectangular bo	unting grid ox (screw distance 108	mm)	
					ſ			

Mylos® – Installation devices, accessories

1-module enclosures

LEDs

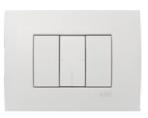
Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	1-module frame a	and 1-module mounti	ng grid	I	LED 250V~, white, to be for night-time loc	ed switches	
	2CSY3102MC	2CSY229385R31	02		2CSY1632MY	2CSY217265R16	332
	1-module frame a	and 1-module mounti	ng grid	I		oe used with two-way tch for night-time loca	
	2CSY3102MS	2CSY229395R31	.02		2CSY1633MY	2CSY221265R16	533
	1-module frame with housing				LED 9V, white, replace LEDs	nent for switches with incorporate	
	2CSY3101MC	2CSY228125R31	01		2CSY1609MY	2CSY221285R16	509
	1-module frame v	vith housing		Ţ	LED 12V~, white, repla with incorporated	acement for switches d LEDs	
	2CSY3101MS	2CSY228135R31	01		2CSY1622MY	2CSY221295R16	522
				I	LED 24V~, white, repla with incorporated	acement for switches d LEDs	
					2CSY1624MY	2CSY221275R16	524

Mylos® – Installation devices, accessories

DIN rail adapter

Product	Article-No.	Order-No.	Pack/Qty
1-1	DIN Rail adapter		
	2CSY1618MY	2CSY228075R1618	

Mylos Etik - Reference standard: CEI 23-9 (EN 60669-1)





2 Modules	2CSY0201QEP	2CSY0200QEP	
3 Modules	2CSY0301QEP	2CSY0300QEP	
4 Modules	2CSY0401QEP	2CSY0400QEP	
7 Modules	2CSY0701QEP	2CSY0700QEP	
	White (square)	Black (square)	

Mylos Lucent - Reference standard: CEI 23-9 (EN 60669-1)





2 Modules	2CSY0201QGP	2CSY0201RGP	
3 Modules	2CSY0301QGP	2CSY0301RGP	
4 Modules	2CSY0401QGP	2CSY0401RGP	
7 Modules	2CSY0701QGP	2CSY0701RGP	
4+4 Modules	2CSY0801QGP	2CSY0801RGP	
	Alabaster white (square)	Alabaster white (round)	





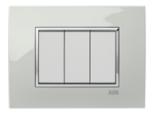
	Cold grey (square)	Cold grey (round)	
4+4 Modules	2CSY0802QLP	2CSY0802RLP	
7 Modules	2CSY0702QLP	2CSY0702RLP	
4 Modules	2CSY0402QLP	2CSY0402RLP	
3 Modules	2CSY0302QLP	2CSY0302RLP	
2 Modules	2CSY0202QLP	2CSY0202RLP	

Mylos Lucent - Reference standard: CEI 23-9 (EN 60669-1)





2 Modules	2CSY0200QLP	2CSY0200RLP
3 Modules	2CSY0300QLP	2CSY0300RLP
4 Modules	2CSY0400QLP	2CSY0400RLP
7 Modules	2CSY0700QLP	2CSY0700RLP
4+4 Modules	2CSY0800QLP	2CSY0800RLP
	Brilliant black (square)	Brilliant black (round)





2 Modules	2CSY0203QLP	2CSY0203RLP
3 Modules	2CSY0303QLP	2CSY0303RLP
4 Modules	2CSY0403QLP	2CSY0403RLP
7 Modules	2CSY0703QLP	2CSY0703RLP
4+4 Modules	2CSY0803QLP	2CSY0803RLP
	Ice (square)	Ice (round)

Mylos Velvet - Reference standard: CEI 23-9 (EN 60669-1)





	Ice (square)	Ice (round)
4+4 Modules	2CSY0821QSP	2CSY0821RSP
7 Modules	2CSY0721QSP	2CSY0721RSP
4 Modules	2CSY0421QSP	2CSY0421RSP
3 Modules	2CSY0321QSP	2CSY0321RSP
2 Modules	2CSY0221QSP	2CSY0221RSP

Mylos Velvet - Reference standard: CEI 23-9 (EN 60669-1)





2 Modules	2CSY0225QSP	2CSY0225RSP
3 Modules	2CSY0325QSP	2CSY0325RSP
4 Modules	2CSY0425QSP	2CSY0425RSP
7 Modules	2CSY0725QSP	2CSY0725RSP
4+4 Modules	2CSY0825QSP	2CSY0825RSP
	Graphite (square)	Graphite (round)





2 Modules	2CSY0224QMP	2CSY0224RMP	
3 Modules	2CSY0324QMP	2CSY0324RMP	
4 Modules	2CSY0424QMP	2CSY0424RMP	
7 Modules	2CSY0724QMP	2CSY0724RMP	
4+4 Modules	2CSY0824QMP	2CSY0824RMP	
	White (square)	White (round)	





2 Modules	2CSY0222QSP	2CSY0222RSP
3 Modules	2CSY0322QSP	2CSY0322RSP
4 Modules	2CSY0422QSP	2CSY0422RSP
7 Modules	2CSY0722QSP	2CSY0722RSP
4+4 Modules	2CSY0822QSP	2CSY0822RSP
	Cold grey (square)	Cold grey (round)

Mylos Velvet- Reference standard: CEI 23-9 (EN 60669-1)





2 Modules	2CSY0223QSP	2CSY0223RSP
3 Modules	2CSY0323QSP	2CSY0323RSP
4 Modules	2CSY0423QSP	2CSY0423RSP
7 Modules	2CSY0723QSP	2CSY0723RSP
4+4 Modules	2CSY0823QSP	2CSY0823RSP
	Black (square)	Black (round)





2 Modules	2CSY0226QSP	2CSY0226RSP
3 Modules	2CSY0326QSP	2CSY0326RSP
4 Modules	2CSY0426QSP	2CSY0426RSP
7 Modules	2CSY0726QSP	2CSY0726RSP
4+4 Modules	2CSY0826QSP	2CSY0826RSP
	Anthracite (square)	Anthracite (round)

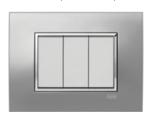
Mylos Metal- Reference standard: CEI 23-9 (EN 60669-1)





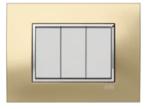
2 Modules	2CSY0211QLZ	2CSY0211RLZ	
	CC310CIIQLZ	CCSTUCITALL	
3 Modules	2CSY0311QLZ	2CSY0311RLZ	
4 Modules	2CSY0411QLZ	2CSY0411RLZ	
7 Modules	2CSY0711QLZ	2CSY0711RLZ	
4+4 Modules	2CSY0811QLZ	2CSY0811RLZ	
	Satin silver (square)	Satin silver (round)	

Mylos Metal - Reference standard: CEI 23-9 (EN 60669-1)





2 Modules	2CSY0204QLZ	2CSY0204RLZ
3 Modules	2CSY0304QLZ	2CSY0304RLZ
4 Modules	2CSY0404QLZ	2CSY0404RLZ
7 Modules	2CSY0704QLZ	2CSY0704RLZ
4+4 Modules	2CSY0804QLZ	2CSY0804RLZ
	Satin aluminium (square)	Satin aluminium (round)





2 Modules	2CSY0205QLZ	2CSY0205RLZ	
3 Modules	2CSY0305QLZ	2CSY0305RLZ	
4 Modules	2CSY0405QLZ	2CSY0405RLZ	
7 Modules	2CSY0705QLZ	2CSY0705RLZ	
4+4 Modules	2CSY0805QLZ	2CSY0805RLZ	
	Satin gold (square)	Satin gold (round)	





	Glossy chrome (square)	Glossy chrome (round)	
4+4 Modules	2CSY0806QLZ	2CSY0806RLZ	
7 Modules	2CSY0706QLZ	2CSY0706RLZ	
4 Modules	2CSY0406QLZ	2CSY0406RLZ	
3 Modules	2CSY0306QLZ	2CSY0306RLZ	
2 Modules	2CSY0206QLZ	2CSY0206RLZ	

Mylos Metal- Reference standard: CEI 23-9 (EN 60669-1)





7 Modules 4+4 Modules	2CSY0702QSZ 2CSY0802QSZ	2CSY0702RSZ 2CSY0802RSZ	
4 Modules	2CSY0402QSZ	2CSY0402RSZ	
3 Modules	2CSY0302QSZ	2CSY0302RSZ	
2 Modules	2CSY0202QSZ	2CSY0202RSZ	





2 Modules	2CSY0210QSZ	2CSY0210RSZ
3 Modules	2CSY0310QSZ	2CSY0310RSZ
4 Modules	2CSY0410QSZ	2CSY0410RSZ
7 Modules	2CSY0710QSZ	2CSY0710RSZ
4+4 Modules	2CSY0810QSZ	2CSY0810RSZ
	Dark nickel (square)	Dark nickel (round)





2.1411			
2 Modules	2CSY0207QLZ	2CSY0207RLZ	
3 Modules	2CSY0307QLZ	2CSY0307RLZ	
4 Modules	2CSY0407QLZ	2CSY0407RLZ	
7 Modules	2CSY0707QLZ	2CSY0707RLZ	
4+4 Modules	2CSY0807QLZ	2CSY0807RLZ	
	Glossy gold (square)	Glossy gold (round)	

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Mylos Ultra by Alcantara® - Reference standard: CEI 23-9 (EN 60669-1)



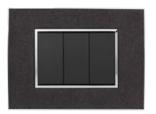


3 Modules (square)	2CSY0301SUA	2CSY0303SUA
4 Modules (square)	2CSY0401SUA	2CSY0403SUA
3 Modules (round)	2CSY0301RUA	2CSY0303RUA
4 Modules (round)	2CSY0401RUA	2CSY0403RUA
	Interiors Firenze	Interiors Taormina





4 Modules (round)	Iron white	Interiors Milano
4 Modules (round)	2CSY0404RUA	2CSY0402RUA
3 Modules (round)	2CSY0304RUA	2CSY0302RUA
4 Modules (square)	2CSY0404SUA	2CSY0402SUA
3 Modules (square)	2CSY0304SUA	2CSY0302SUA





3 Modules (square)	2CSY0306SUA	2CSY0305SUA
4 Modules (square)	2CSY0406SUA	2CSY0405SUA
3 Modules (round)	2CSY0306RUA	2CSY0305RUA
4 Modules (round)	2CSY0406RUA	2CSY0405RUA
	Iron brown	Iron grey

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Mylos Ultra by 3M DI-NOC™ - Reference standard: CEI 23-9 (EN 60669-1)





3 Modules (square)	2CSY0304SUM	2CSY0302SUM
4 Modules (square)	2CSY0404SUM	2CSY0402SUM
3 Modules (round)	2CSY0304RUM	2CSY0302RUM
4 Modules (round)	2CSY0404RUM	2CSY0402RUM
	Carbon	Abstract





3 Modules (square)	2CSY0301SUM	2CSY0306SUM
4 Modules (square)	2CSY0401SUM	2CSY0406SUM
3 Modules (round)	2CSY0301RUM	2CSY0306RUM
4 Modules (round)	2CSY0401RUM	2CSY0406RUM
	Fine wood	Natural metallic

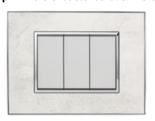




3 Modules (square)	2CSY0305SUM	2CSY0303SUM
4 Modules (square)	2CSY0405SUM	2CSY0403SUM
3 Modules (round)	2CSY0305RUM	2CSY0303RUM
4 Modules (round)	2CSY0405RUM	2CSY0403RUM
	Metallic	Silk

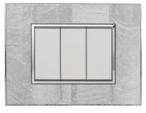
_

Mylos Ultra by Jannelli&Volpi® - Reference standard: CEI 23-9 (EN 60669-1)





3 Modules (square)	2CSY0301SUJ	2CSY0304SUJ
4 Modules (square)	2CSY0401SUJ	2CSY0404SUJ
3 Modules (round)	2CSY0301RUJ	2CSY0304RUJ
4 Modules (round)	2CSY0401RUJ	2CSY0404RUJ
	Murogrò affreschi	Lady





3 Modules (square)	2CSY0303SUJ	2CSY0302SUJ
4 Modules (square)	2CSY0403SUJ	2CSY0402SUJ
3 Modules (round)	2CSY0303RUJ	2CSY0302RUJ
4 Modules (round)	2CSY0403RUJ	2CSY0402RUJ
	Evolution	Murogrò living

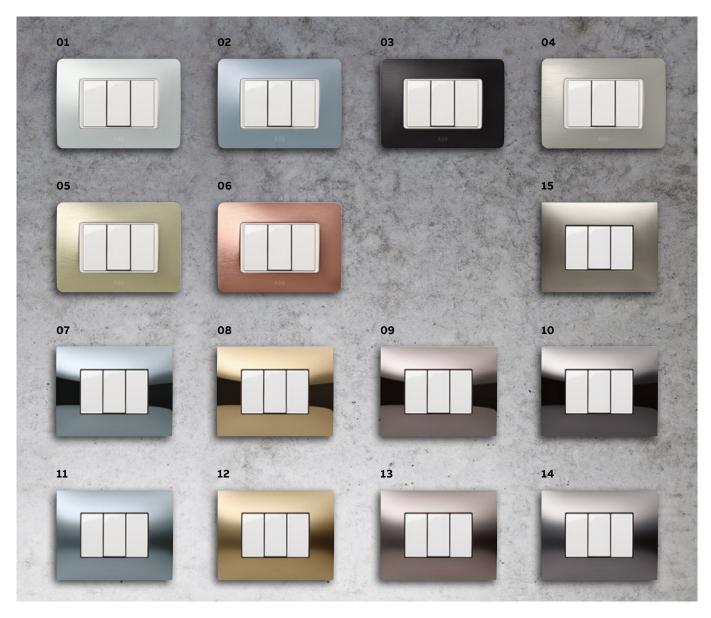




3 Modules (square)	2CSY0305SUJ	2CSY0306SUJ
4 Modules (square)	2CSY0405SUJ	2CSY0406SUJ
3 Modules (round)	2CSY0305RUJ	2CSY0306RUJ
4 Modules (round)	2CSY0405RUJ	2CSY0406RUJ
	Crossgold	Lounge

All the voices of nature

Experiences are more intense when senses are fully engaged. Chiara range focuses on the visual sense with a colour palette inspired by nature, the fruits of the land and by its elements. All this give born to distinct and unique finishes, ideal to be integrated into a variety of environments and to welcome people who live there.



CHIARA XITE

- 01 Natural
- 02 Icy
- 03 Iron Black
- 04 Brushed Inox
- 05 Champagne Gold
- 06 Copper

CHIARA

- 07 Glossy Chrome
- 08 Glossy Gold
- 09 Glossy Bronze
- 10 Glossy Metal Black
- 11 Satin Chrome
- 12 Satin Gold
- 13 Satin Bronze
- 14 Satin Metal Black
- 15 Brushed Steel

All the voices of nature



CHIARA

- 16 White
- 17 Pastel Yellow
- 18 Stone
- 19 Pastel Green
- 20 Volcano

- 21 Sand
- 22 Pastel Blue
- 23 Pastel Orange
- 24 Fire Red

Selected functions



Command devices.

Circuit-breakers, push-buttons, switches, inverters, relays and commutator devices in different versions for configuring functions and control points in the most flexible and suitable manner for any home or office environment. All command devices, except for relays and switches, can be illuminated.



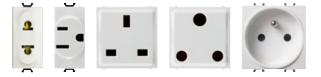
Protection devices.

These devices trigger in case of overloads, short-circuits and other phenomena that pose a risk to the safety of people and which impair the proper functioning of connected loads; their role is a direct downstream protection without interfering with the power supply of other points of the electrical installation.



Socket outlets.

10-16A 2P+T socket outlets for 250V lines compliant with Italian and German standards, with safety shutters and side/central ground. P17/11, P30 and P30/17 socket outlets are available also in coloured version for privileged circuits. The Side innovative socket outlet is also available, combining a German standard-based and two Italian bivalent socket outlets.



The range also includes the main socket outlets based on other different standards: EUR-American and American with grounding, for 127V lines; 13A e 16A English and 2P+T French for 250V lines.



Special socket outlets

Shaver socket outlet, 2.1A USB charger and connectors for telephony applications and data transmission, available in different versions that meet the most used and advanced wiring international standards.



Signalling devices.

Warning lights to indicate the operating status of the connected devices, bells and buzzers.

Selected functions













Safety and comfort equipment.

To optimize the operation of the electrical devices and make the rooms more liveable, the range includes devices for programming, adjustment and timing, such as Chrono thermostats, electronic thermostats, dimmers and IR presence detectors with twilight threshold. Extractable anti-blackout lamps and emergency lamps are available with wide operating autonomy.













Components for installation.

Blank cover for unused modules and 2, 3, 4, 7 and 7+7 module mounting grids for the installation of Equipment and components inside flush-mounting round and rectangular boxes.



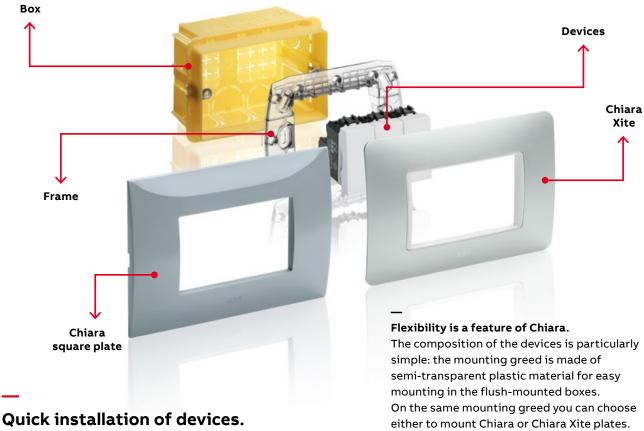




Other installation solutions.

Products and solutions for secure installation (IP55 covers and IP40/IP55 boxes) are available, as well as adapters for installation on DIN rail or Undernet retractable turret. The self-supporting frames are convenient and flexible solutions for any specific installation solution.

Installation overview.





Specifications of screws and terminals. The composition of the devices is particularly simple: the frame is made from semi-transparent plastic material for easy mounting in the flush-mounted boxes.



- · Frontal installation of the switches on the frame
- Modularity of the switches: 22 mm



Installation on concrete walls.



No. Modules	Screw distance	Compatible box
2 (with claws)	-	ABB 00 050
2 (with screws)	60 mm	ABB 00 050
3	83.5 mm	ABB 1SL006A00
4	108mm	ABB 00 053
7	100 mm	ABB 1SL0064A00

Note: For further information on ABB boxes for concrete walls please refer to the catalog 1SLC001001D0905 - Insulating Enclosures and Installation Materials.

Protected installation with IP55 wall-mounted enclosures.



IP40 wall-mounted enclosure



IP55 wall-mounted enclosure

No. Modules	IP40 enclosure	IP55 enclosure
1 (on 2-module enclosure)	2CSK2140CH	2CSK2155CH
2	2CSK2240CH	2CSK2255CH
3	2CSK2340CH	2CSK2355CH
4	2CSK2440CH	2CSK2455CH

The IP55 cover enclosures allow the direct assembly of devices without the aid of mounting grids.

The devices are inserted from the rear. See technical details on page 5/57. For further information on IP40/IP55 wall-mounted enclosures, please refer to the catalog 1SLC001001D0905 - Insulating Enclosures and Installation Materials.

Protected installation with IP55 cover.



IP55 wall-mounted cover

No. Modules	IP55 cover
2 (on a square or round box with screws, center distance 60mm)	2CSK3255CH
3	2CSK3355CH

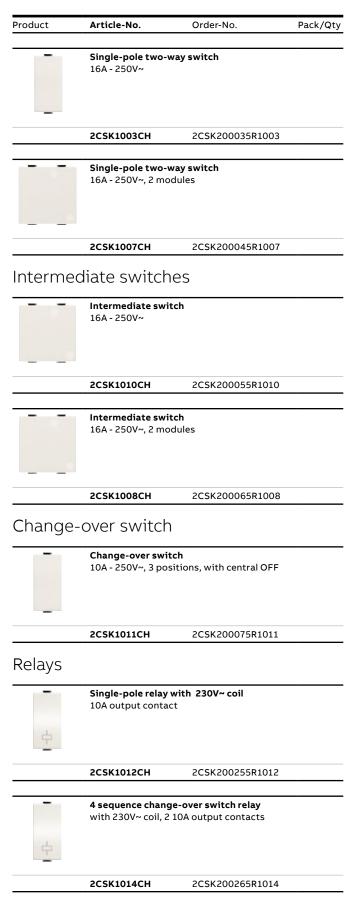
Note: The IP55 covers provide a self-supporting solution that allows direct assembly of devices without the aid of mounting grids. The devices are inserted from the rear.

Chiara - Switches

Switches

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole switch 16A - 250V~		
	16A - 25UV~		
-			
	2CSK1001CH	2CSK200005R1001	
1	Double-pole switch 16A - 250V~		
	207. 2007		
0			
	2CSK1002CH	2CSK200015R1002	
	LCSKIOOLCII	ECSKLOUUISKIUUL	
	Single-pole switch		
	16A - 250V~, 2 modul	es	
	2CSK1004CH	2CSK200025R1004	
	Double-pole switch		
	16A - 250V~, with key	control	
(D)			
	2CSK1006CH	2CSK215740R1006	
	Double-pole switch		
	16A - 250V~, with uni	versal key control	
•			
	2CSK1006CHU	2CSK221395R1006	

Two-way switches



Pack/Qty

Chiara – Switches

Push Switches

2 S 1 1 2 2 S 1 1 2 2 S 5 S 1	2CSK1017CH Double single-pol	2CSK200085R1005 switches NC 2CSK200095R1016			2CSK1020CH Single-pole push 16A - 250V~, with 2CSK1021CH Double-pole push 16A - 250V~, with	2CSK200145R1020 switches NC cord pull, with 2.25 m cord 2CSK200155R1021 2CSK200155R1021 2CSK221405R1009
2 2 2 1 1 2 2 1 1 2 2	Eingle-pole push s 16A - 250V~ 2CSK1016CH Doe pole push-but 16AX, 2 Modules 2CSK1015CH Double single-pole 16A - 250V~	2CSK200095R1016 tton 2CSK228545R1015		•	Single-pole push 16A - 250V~, with 2CSK1021CH Double-pole push 16A - 250V~, with 2CSK1009CH Double-pole push	switches NC cord pull, with 2.25 m cord 2CSK200155R1021 a switches NO key control 2CSK221405R1009
2 2 2 1 1 2 2 1 1 2 2 5	Eingle-pole push s 16A - 250V~ 2CSK1016CH Doe pole push-but 16AX, 2 Modules 2CSK1015CH Double single-pole 16A - 250V~	2CSK200095R1016 tton 2CSK228545R1015		•	2CSK1021CH Double-pole push 16A - 250V~, with 2CSK1009CH Double-pole push	2CSK200155R1021 a switches NO key control 2CSK221405R1009
2 2 1 1 2 2 1 1 2 2 5	2CSK1016CH One pole push-but 16AX, 2 Modules 2CSK1015CH Oouble single-pole 16A - 250V~	2CSK200095R1016 tton 2CSK228545R1015 e push switches NO+NC		•	2CSK1021CH Double-pole push 16A - 250V~, with 2CSK1009CH Double-pole push	2CSK200155R1021 a switches NO key control 2CSK221405R1009
2 D 1 1 2 D 1 1	One pole push-but 16AX, 2 Modules PCSK1015CH Double single-pole 16A - 250V~ PCSK1017CH	2CSK228545R1015 e push switches NO+NO		•	Double-pole push 16A - 250V~, with 2CSK1009CH	a switches NO key control 2CSK221405R1009
2 D 1 1 2 D 1 1	One pole push-but 16AX, 2 Modules PCSK1015CH Double single-pole 16A - 250V~ PCSK1017CH	2CSK228545R1015 e push switches NO+NO		•	2CSK1009CH	2CSK221405R1009
2 D 1 D 1 D 1 D 1 D 1 D 1 D 1 D 1 D 1 D	2CSK1015CH Double single-pole 16A - 250V~ 2CSK1017CH Double single-pole	2CSK228545R1015 e push switches NO+NC)	•	2CSK1009CH	2CSK221405R1009
2 D 1 D 1	Double single-pole 16A - 250V~ PCSK1017CH Double single-pole	e push switches NO+NO)	0	Double-pole push	n switches NO
2 D 1 D 1	Double single-pole 16A - 250V~ PCSK1017CH Double single-pole	e push switches NO+NO)	•		
2 D 1	2CSK1017CH Double single-pol)			
2 D 1	2CSK1017CH Double single-pol				16A - 250V~, with	universal key control
2 D 1	Double single-pol	2CSK200195R1017				
2 					2CSK1009CHU	2CSK221415R1009
2 						
s	16A - 250V~, with i	e push switches NO+NO nterlock)			
	2CSK1018CH	2CSK200185R1018				
	Single-pole push s L6A - 250V~, with (witches 1NO and 1NC DN symbol				
2	2CSK1022CH	2CSK200175R1022				
S	Single-pole push s L6A - 250V~, with (witches 1NO and 1NC DFF symbol				
0						
2						

Chiara – Switches

Special push switch

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
_	Single-pole push 16A - 250V~, with				Single-pole push 16A - 250V~, with		
	10A - 230V, WITH	DELE Symbol			10A - 230V, WILLI	orange unruser	
47							
	2CSK1028CH	2CSK200105R10	28		2CSK1026CH	2CSK200135R102	26
							,
	Single-pole push			_	Single-pole push		.1.
	16A - 250V~, with	KEY SYMDOI			16A - 25UV~, With	white diffuser, 1 modu	iie
0-4							
	2CSK1029CH	2CSK200225R10	29		2CSK1027CH	2CSK200125R102	27
	Single-pole push				Single-pole push		
	16A - 250V~, with	STAIR LIGHT symbol		-	16A - 250V~, with	backlit label holder pla	ate, 2 modules
3-				0			
	2CSK1030CH	2C5K30011EB10	20		2CSK1031CH	2C5K300335B103	D1
	2C3K1030CH	2CSK200115R103			2C3K1031CH	2CSK200235R103	
	Single-pole push	switches NO	,		Single-pole push	switches NO	
1	16A - 250V~, with					backlit label holder pla	ate, 3 modules
	2CSK1024CH	2CSK200215R10	24		2CSK1032CH	2CSK203145R103	32
			,				
	Single-pole push	switches NO red diffuser and DO No	OT DISTURB				
	symbol		0. 2.0.02				
8							
. Dis east-displants							
	2CSK1034CH	2CSK231175R103	34				
		,	,				
	Single-pole push						
	x 16A - 250V~, wit	h green diffuser					
	2CSK1025CH	2CSK200205R10	25				
	Single-pole push	switches NO	,				
1		green diffuser and MA	AKE UP ROOM				
	symbol						
* <u>#</u>							
The contract of the contract of							
_							

Italian/German standard socket outlets

with safety shutters

Chiara - Socket outlets

Italian standard socket outlets with safety shutters

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
:	2P+E socket outl 10A - 250V~, P11				2P+E socket outl 16A - 250V~, P30		
	2CSK1101C	2CSK200275R11	01		2CSK1108CH	2CSK200305R11	.08
	2P+E socket outl 10/16A - 250V~, F			•	2P+E socket outl 16A - 250V~, P30	ets type, coloured for priv	/ileged circuits
_	2CSK1103CH	2CSK200295R11	03		2CSK1114CH	2CSK200355R11	14
	2P+E socket outl 10/16A - 250V~, F circuits	l ets P17/P11 type, coloured	for privileged		2P+E socket outl 16A - 250V~, P30	ets type, coloured for priv	rileged circuits
	2CSK1104CH	2CSK200325R11	04		2CSK1115CH	2CSK200365R11	.15
•	2P+E socket outl 10/16A - 250V~, F circuits	l ets P17/P11 type, coloured	for privileged	•	2P+E socket outl 16A - 250V~, P30	ets type, coloured for priv	rileged circuits
	2CSK1105CH	2CSK200345R11	.05		2CSK1116CH	2CSK200375R11	16
	2P+E socket outl 10/16A - 250V~, F circuits	l ets P17/P11 type, coloured	I for privileged		2P+E socket outl 16A - 250V~, P30,		
	2CSK1106CH	2CSK200335R11	06		2CSK1109CH	2CSK200315R11	.09
					2P+E socket outl 16A - 250V~, P30, circuits	ets /17 type, coloured for	privileged



2P+E socket outlets

16A - 250V-- , P30/17 type, coloured for privileged circuits

2CSK200385R1110

2CSK1111CH	2CSK200405R1111

Chiara - Socket outlets

Italian/German standard socket outlets with safety shutters

Product **Article-No.** Order-No. Pack/Qty



2P+E socket outlets

16A - 250V~, P30/17 type, coloured for privileged circuits

2CSK1112CH 2CSK200395R1112

French socket outlet



2P+E socket outlet

16A - French standard

2CSK1144CH 2CSK229365R1144

British socket outlets



2P+E socket outlet

13A - UK standard

2CSK1134CH 2CSK228805R1134



2P+E socket outlet

16A - UK standard

2CSK1164CH 2CSK228815R1164

American and Euro-American socket outlets



2P+E socket outlet

15A - 127V~ - US standard

2CSK1145CH 2CSK228335R1145



2P socket outlet

16A - Euro-American standard

2CSK1146CH 2CSK229355R1146

Double 2P+E socket outlet

15A - 127V~ - US standard

2CSK1147CH 2CSK226182R1147

Interlocked socket outlets with automatic MCB and automatic RCD

Product Article-No. Order-No. Pack/Qty



2P+E socket outlet

16A - 250V, interlocked with MCB, P17/11

2CSK1324CH 2CSK206475R1324



2P+E socket outlet

16A - 250V, interlocked with MCB, P30

2CSK1325CH 2CSK206485R1325



2P+E socket outlet

16A - 250V, with RCD 10mA, P17/11

2CSK1326CH 2CSK206495R1326

Special socket outlets



2P shaver socket with insulating transformer

Power supply 230V~ - 50/60Hz

Output voltage 125V~ (American standard 2P socket) or 230V~ (2P socket outlet, P11 type)

2CSK1113CH 2CSK200415R1113



Flush-mounted USB charging unit

max 2.1A with type A male connector, 230V~ power supply, 50 / 60Hz, 5V DC output voltage

2CSK1162CH 2CSK235403R1162



Side socket outlet

(1 Schuko + 2 Italian socket outlets), 1 x 2P+E 16A + 2 x 2P+E 10/16A

2CSK1193CH 2CSK231295R1193

Chiara – Socket outlets

TV/SAT socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
•	TV coaxial socket outlet direct, male IEC connector Ø 9.5 mm, insulated type			0	Double demixed TV/SAT coaxial socket outlet direct, male IEC connector ø 9.5 mm and female F connector		
					2CSK1133CH	2CSK203165R1	133
	2CSK1117CH	2CSK200495R11	17				
	TV/SAT coaxial so direct, male IEC co of direct current	ocket outlet onnector ø 9.5 mm, wi	th feedthrough	0	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 7dB		
	200K1110CH	2CCK200E0ED11	10		2CSK1120CH	2CSK200525R1	120
	2CSK1118CH	2CSK200505R11	18		Daubla damiyad	TV/SAT convint conk	at autlat
	TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm, attenuation 7dB			0	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 10dB		
					2CSK1130CH	2CSK200535R1	130
	2CSK1132CH	2CSK203155R11	32				
•	TV/SAT coaxial so feedthrough, mal 10dB	ocket outlet e IEC connector ø 9.5 r	mm, attenuation	0	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 14dB		
					2CSK1131CH	2CSK200545R1	131
	2CSK1136CH	2CSK203175R11	36				
	TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm, attenuation 14dB			0	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 18dB		
	20081127011	2CCK 20 400 CD11	27		2CSK1139CH	2CSK203195R1:	139
	2CSK1137CH	2CSK204095R11	.31				
	TV/SAT coaxial so feedthrough, mal 18dB	ocket outlet e IEC connector ø 9.5 r	mm, attenuation				
	2CSK1138CH	2CSK203185R11	38				
0	TV/SAT coaxial so direct, female F co of direct current	ocket outlet onnector, with feed-th	nrough				
	2CSK1119CH	2CSK200515R11	19				

Chiara – Socket outlets, Protection devices

Network and telephone socket outlets

Fuse holders, overvoltage limiters

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qt
	RJ11 telephone connector			0	Fuse holder for fuses Ø5x20 / Ø6.3x32 mm, max. 16A		
	2CSK1121CH	2CSK200425R112	1		2CSK1301CH	2CSK200635R130	1
	RJ12 telephone connector			Overvoltage limiter 75J, 230V~			
	2CSK1122CH	2CSK200435R112	2		2CSK1315CH	2CSK221425R131	5
	RJ45 connector Cat. 5e, UTP (unshielded)				Spare protection for overvoltage limiter		
	2CSK1124CH	2CSK200445R112	4		2CSY1302MY	2CSY221255R130	2
	Cat. 5e, FTP (shielded) 2CSK1125CH 2CSK200455R1125			current	Circuit-breakers Automatic MCB 1P+N, C6, breaking capacity 1.5kA		
	RJ45 connector Cat. 6, UTP (unshi	elded)			2CSK1304CH	2CSK200655R130	4
	2CSK1127CH	2CSK200475R112	7	1	Automatic MCB 1P+N, C10, breaki	ng capacity 3kA	
	RJ45 connector Cat. 6, FTP (shield	ed)			2CSK1305CH	2CSK200665R130	15
	2CSK1128CH 2CSK200465R1128			O	Automatic MCB 1P+N, C16, breaking capacity 3kA		
	Adapter for RJ45 Keystone type	connector			2CSK1306CH	2CSK200675R130	6
	2CSK1135CH 2CSK200485R1135			The state of the s	Automatic RCD 1P+N, C6 - 10 mA,	breaking capacity 1.5k	άA
				300 000	2CSK1307CH	2CSK200685R130	17

Chiara – Protection devices, Signalling devices

Miniature circuit-breakers and Residual current circuit-breakers Light signals

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
Property of the control of the	Automatic RCD 1P+N, C10 - 10 ma	A, breaking capacity 3kA		•	Orange warning I (supplied without		
	2CSK1308CH	2CSK200695R1308			2CSK1310CH	2CSK200605R1310	
C18 Insulant	Automatic RCD 1P+N, C16 - 10 ma	A, breaking capacity 3kA		•	White warning lig (supplied without		
	2CSK1309CH	2CSK200705R1309			2CSK1311CH	2CSK200625R1311	
CB Involved	Automatic RCD 1P+N, C6 - 30 mA	, breaking capacity 1.5kA			Red warning light (supplied without		
	2CSK1328CH	2CSK213425R1328			2CSK1312CH	2CSK200595R1312	
Annual Control Co	Automatic RCD 1P+N, C10 - 30 m.	A, breaking capacity 3kA		•	Green warning lig (supplied without		
	2CSK1329CH	2CSK213435R1329			2CSK1313CH	2CSK200615R1313	
C18 Invited	Automatic RCD 1P+N, C16 - 30 m	A, breaking capacity 3kA					
	2CSK1330CH	2CSK213445R1330					

Chiara – Signalling devices, Safety and comfort devices

Bells and buzzers

Time-programmed thermostats and thermostats

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
0	Electro-mechani 12V, power 5VA,	ical bell sound intensity 80dB		3:208c ±	thermostat with relay output, 1 NO	electronic time-progr 4 temperature levels D/NC change-over cor Power supply 230V~	ntact 8A
_	2CSK1317CH	2CSK200555R1317			2CSK2201CH	2CSK200765R22	201
0	Electro-mechani 230V, power 8VA	ical bell ., sound intensity 80dB			•	electronic thermostal D contact 8A (AC1)/2A 60Hz	
	2CSK1318CH	2CSK200565R1318			2CSK1202CH	2CSK200755R12	202
0	Electro-mechani 12V, power 5VA,	ical buzzer sound intensity 70dB		Dimmer	Electronic dimme with rotary contr 230V~ 50/60Hz	er ol for resistive loads 1	100-500W,
	2CSK1321CH	2CSK200575R1321					
_	Electro-mechani	ical buzzer ,, sound intensity 70dB			2CSK1205CH	2CSK200715R12	205
0	230V, power ova	, sound intensity roub			•	er ol and with two-way s 0-500W, 230V~ - 50/6	
	2CSK1322CH	2CSK200585R1322					
					2CSK1204CH	2CSK200735R12	204
				Ċ	•	er control for resistive a 50-500VA) 230V~ - 50,	
					2CSK1207CH	2CSK200725R12	207

Chiara - Safety and comfort devices

Gas detectors

Product **Article-No.** Order-No. Pack/Qty



Electronic natural gas detector

with acoustic and light signal, relay output, 1 NO/NC change-over contact 6A (AC1)/2A (AC15) - 250V~. Power supply 230V~ - 50Hz. Equipped with dedicated frame for installation on type 503 box

2CSK1210CH	2CSK225295R1210
------------	-----------------



Electronic LPG gas detector

with acoustic and light signal, relay output, 1 NO/NC change-over contact 6A (AC1)/2A (AC15) - 250V~. Power supply 230V~ - 50Hz. Equipped with dedicated frame for installation on type 503 box

Emergency lighting



Removable anti-blackout light, 230V~

Charge reserve 4.5 h and recharge time 10-20h. To be combined with 230V~ socket outlets; particularly recommended for codes 2CSK1108CH and 2CSK1109CH

2CSK1214CH	2CSK203205R1214	



LED light for emergency lighting or steplight

Charge reserve up to 2h and recharge time 48h. Power supply 230V~ - 50/60Hz.

2CSK1235CH	2CSk218932R1235



2-module pluggable blackout lamp

Charge reserve up to 2h and recharge time 48h. Power supply $230V \sim -50/60Hz$.

It turns on to enlightening areas where it is installed if a blackout occurs.

The lamp can be unplugged and used as a portable torch.

2CSK1236CH 2CSK218782R1236



Universal badge switch with location light Relay output with NO contact 10A (AC1).

Power supply 230V~ 50/60Hz

2CSK1426CH	2CSK223155R1426
EC3K14EUCH	COKEC3133K14E0



IR motion detector

with twilight sensor for control and adjustment of the operation time of lighting devices. Relay output NO 5A (AC1)/2A (AC15) - 250V \sim . Power supply 230V \sim - 50/60Hz

2CSK1226CH	2CSK235321R1226	

Other devices

Product	Article-No.	Order-No.	Pack/Qty
1,500,01	Universal badge s 3M	switch	
	2CSK1427CH	2CSK228275R1427	,

Chiara - Components for installation

Blank covers

Mounting grids

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Blank cover 1 module				2-modules mour with latching cla		
	2CSK1601CH	2CSK200785R16	01		2CSK1612CH	2CSK203245R161	12
	Blank cover 1 module, with he	ole for cable outlet ø 1	2.5mm	-3-	2-modules mour with screws for r (center distance	ectangular or round bo	x with screws
	2CSK1606CH	2CSK200795R16	06		2CSK1602CH	2CSK200815R160	02
1-module	e enclosure	S		//= ± ='N	3-modules mour	nting grid ox (center distance 83.	5 mm)
	1-module frame	and 1-module mounti	ng grid		-		·
					2CSK1603CH	2CSK200825R16	03
	2CSK3102CH	2CSK229375R31	02		4-modules mour	nting grid	
	1-module frame with housing				for rectangular box (center distance 108 mm)		
					2CSK1604CH	2CSK200835R16	04
	2CSK3101CH	2CSK228345R31	01		7-modules mour for rectangular b	nting grid ox (center distance 100) mm)
					2CSK1607CH	2CSK200845R16	07
					7+7-modules mo	unting grid	
					2CSK1614CH	2CSK228265R16	14
				Accessor	ies		
					LED lamp 230V, cable length To be used in cor		

illuminable switches

2CSK259192R1616

2CSK1616CH

Other installation solutions

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Self-supporting frames



No. modules	2	3	4	
Product type	2CSK1621CH	2CSK1631CH	2CSK1641CH	
Packing/ No. items	1/12	1/12	1/12	
	Module self-supporting frame, white RAL9016			



No. modules	2	3	4
Product type	2CSK1622CH	2CSK1632CH	2CSK1642CH
Packing/ No. items	1/12	1/12	1/12
Module self-supporting frame, grey RAL7035			



No. modules	2	3	4
Product type	2CSK1623CH	2CSK1633CH	2CSK1643CH
Packing/ No. items	1/12	1/12	1/12
	Module self-supporting frame, slate grey RAL7021		

Other installation solutions

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Self-supporting frames



No. modules	2	3	4
Product type	2CSK1624CH	2CSK1634CH	2CSK1644CH
Packing/ No. items	1/12	1/12	1/12
	Module self-supporting frame, brown RAL8014		

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Undernet towers and adapters



Description	Code	Packing/ No. items
Undernet tower, 16 contact blocks with hollow cover - 300x310	10900	1/1
Undernet tower, 16 contact blocks with stainless steel cover - 300x310	10901	1/1
Undernet tower, 10 contact blocks with hollow cover - 300x235	10902	1/1
Undernet tower, 10 contact blocks with stainless steel cover - 300x235	10903	1/1



Description	Code	Packing/ No. items
5 contact blocks support for Undernet tower 10900 - 10901	2CSK1625CH	1/12
6 contact blocks support for Undernet tower 10902 - 10903	2CSK1626CH	1/12

DIN-rail adapter 1-2-3 modules



Description	Code	Packing/ No. items
DIN-rail adapter for 1-2-3 modules, versionable	2CSK1608CH	1/6

Wall-mounted enclosures and flush-mounted IP55 covers

IP40 wall-mounted enclosures









Product type	2CSK2140CH	2CSK2240CH	2CSK2340CH	2CSK2440CH
Packing / No. items	10/40	10/40	10/30	10/20
	1-space enclosure, IP40	2-space enclosure, IP40	3-space enclosure, IP40	4-space enclosure, IP40

IP55 wall-mounted enclosures









Product type	2CSK2155CH	2CSK2255CH	2CSK2355CH	2CSK2455CH
Packing / No. items	10/40	10/40	8/24	8/16
	1-space enclosure, IP55	2-space enclosure, IP55	3-space enclosure, IP55	4-space enclosure, IP55

IP55 flush-mounted covers





Product type	2CSK3255CH	2CSK3355CH
Packing / No. items	1/40	1/40
	IP 55 2-module frame, white	IP 55 3-module frame, white

Order codes

Chiara Xite - Reference standard: CEI 23-9 (EN 60669-1)







2 Modules	2CSK0271CH	2CSK0274CH	2CSK0276CH
3 Modules	2CSK0371CH	2CSK0374CH	2CSK0376CH
4 Modules	2CSK0471CH	2CSK0474CH	2CSK0476CH
7 Modules	2CSK0771CH	2CSK0774CH	2CSK0776CH
	Natural	Iron Black	Champagne Gold







2 Modules	2CSK0272CH	2CSK0273CH	2CSK0275CH	
3 Modules	2CSK0372CH	2CSK0373CH	2CSK0375CH	
4 Modules	2CSK0472CH	2CSK0473CH	2CSK0475CH	
7 Modules	2CSK0772CH	2CSK0773CH	2CSK0775CH	
	lcy	Brushed Inox	Copper	

Order codes

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Metallic frames with glossy and satin finish - Reference standard: CEI 23-9 (EN 60669-1)







2 Modules	2CSK0215CH	2CSK0253CH	2CSK0251CH	
3 Modules	2CSK0315CH	2CSK0353CH	2CSK0351CH	
4 Modules	2CSK0415CH	2CSK0453CH	2CSK0451CH	
7 Modules	2CSK0715CH	2CSK0753CH	2CSK0751CH	
	Glossy Chrome	Glossy Gold	Glossy Bronze	







2 Modules	2CSK0217CH	2CSK0216CH	2CSK0254CH
3 Modules	2CSK0317CH	2CSK0316CH	2CSK0354CH
4 Modules	2CSK0417CH	2CSK0416CH	2CSK0454CH
7 Modules	2CSK0717CH	2CSK0716CH	2CSK0754CH
	Glossy Metal Black	Satin Chrome	Satin Gold



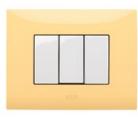




2 Modules	2CSK0252CH	2CSK0218CH	2CSK0219CH	
3 Modules	2CSK0352CH	2CSK0318CH	2CSK0319CH	
4 Modules	2CSK0452CH	2CSK0418CH	2CSK0419CH	
7 Modules	2CSK0752CH	2CSK0718CH	2CSK0719CH	
	Satin Bronze	Satin Metal Black	Brushed Steel	

Technopolymer frames - Reference standard: CEI 23-9 (EN 60669-1)







2 Modules	2CSK0201CH	2CSK0211CH	2CSK0203CH	
3 Modules	2CSK0301CH	2CSK0311CH	2CSK0303CH	
4 Modules	2CSK0401CH	2CSK0411CH	2CSK0403CH	
7 Modules	2CSK0701CH	2CSK0711CH	2CSK0703CH	
7+7 Modules	2CSK1401CH	-	-	
	White	Pastel Yellow	Stone	

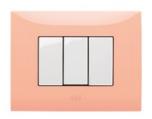


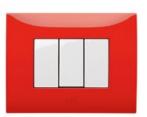




2 Modules	2CSK0213CH	2CSK0204CH	2CSK0202CH	
3 Modules	2CSK0313CH	2CSK0304CH	2CSK0302CH	
4 Modules	2CSK0413CH	2CSK0404CH	2CSK0402CH	
7 Modules	2CSK0713CH	2CSK0704CH	2CSK0702CH	
	Pastel Green	Volcano	Sand	







2 Modules	2CSK0214CH	2CSK0212CH	2CSK0205CH	
3 Modules	2CSK0314CH	2CSK0312CH	2CSK0305CH	
4 Modules	2CSK0414CH	2CSK0412CH	2CSK0405CH	
7 Modules	2CSK0714CH	2CSK0712CH	2CSK0705CH	
	Pastel Blue	Pastel Orange	Fire Red	

Unno

A cocktail of colors

Create a fun filled home with a variety of colors. Design, technology, respecting the environment, versatility and beauty. It considers it all. Unno makes its mark via a wide range of tones and colors that can form a personalized room or home. Created to meet your decorative and design expectations. You'll find it hard to choose.



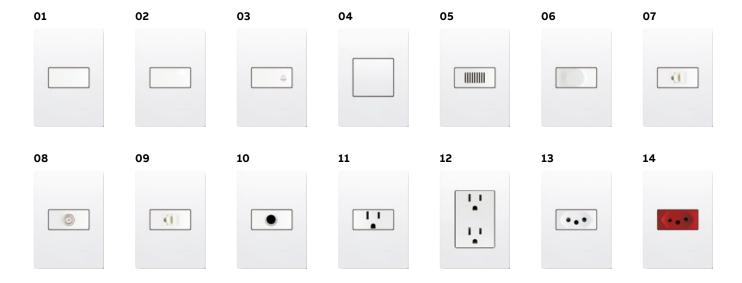
BL White
NG Black
GP Silver Gray
MS Mustard
CT Chocolate

MD Tangerine
AR Blueberry
LL Lilac
MN Mint
CM Caramel

AZ Blue

Unno

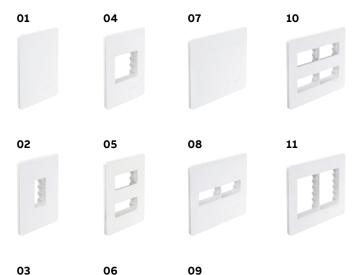
Selected functions



- 01 1-gang, 1-way single pole switch
- 02 1-gang, 2-way single pole switch with lamp
- 03 1-gang, 1-way push switch with bell symbol
- 04 1-gang, 1-way double pole 32A switch
- 05 Buzzer

- 06 Universal rotary dimmer
- 07 RJ11 telephone outlet
- 08 Type F TV outlet
- 09 RJ45 Cat. 5E data outlet
- 10 Cable outlet

- 11 Nema simple socket outlet
- 12 Nema duplex socket outlet
- .3 Brazilian 10A socket outlet
- 14 Brazilian 20A socket outlet



Frames 4" × 2"

- 01 Blank frame, 80 × 115 mm
- 02 Frame 1 module vertical position, 80 × 115 mm
- 03 Frame 1 module, 80 × 115 mm
- 04 Frame 2 modules, 80 × 115 mm
- 05 Frame 1+1 modules, 80 × 115 mm
- 06 Frame 3 modules, 80 × 115 mm

Frames 4" × 4"

- 07 Blank frame, 128 × 115 mm
- 08 Frame 1+1 modules, 128 × 115 mm
- 09 Frame 2+2 modules, 128×115 mm
- 10 Frame 1+1+1+1 modules, 128 × 115 mm
- 11 Frame 3+3 modules, 128 × 115 mm



Quality within everyone's reach

The Unno range with its colours, straight lines and its simple design brings personality to your home, while offering a unique and contemporary look.



We offer an elegant range, incorporating high technology while respecting the environment. We now know it is possible to align beauty, functionality, quality and sustainability, while placing great design within reach of all.

Unno is design

Its straight lines and simplicity provide an elegant and contemporary look; added to the colours that adapt to all the latest trends. With different side finishes, Unno is the perfect combination, bringing life to covers and switches, and ultimately, to your home.

Unno is technology

ABB's experience over the years can now be seen in the new mechanisms: manufactured using raw materials within the guidelines proposed by international environmental protection organisations such as (RoHS, IEC, INMETRO), the Unno switches are the most ideal for new energy saving light bulbs, incorporating childproofing in the 2P + T connections in all their products.

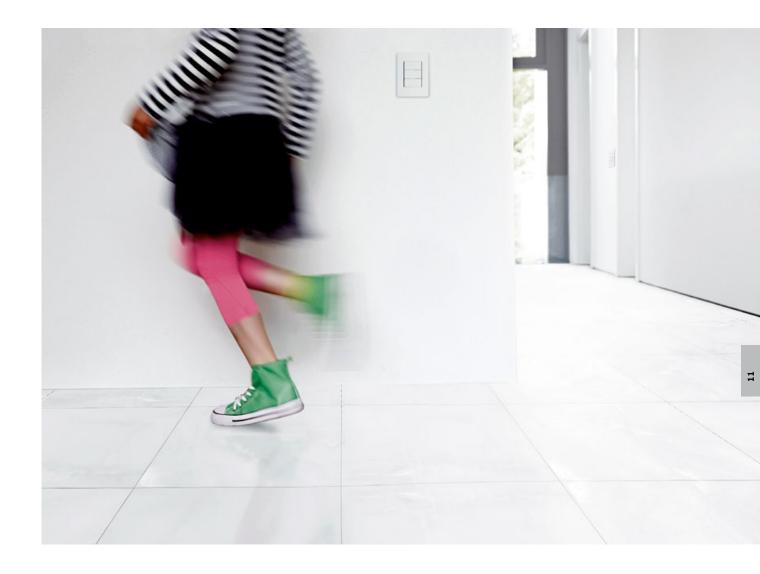
Unno is versatile

Only ABB has been able to create a range that comes with all the benefits of the highest quality, adapted to market needs in relation to both design as well as ease of installation and safety. Unno is versatility that matches your style.

Unno is versatility that matches your style.

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Unno is eco-design



The Unno line has a low environmental impact in each of its design, production, logistics, sales, use and recycling processes.



ABB is a pioneer in offering an ecoproject range for both covers and switches.

Always concerned with social and environmental well-being associated with the use of new technologies; ABB contributes to the construction of a better world for future generations.

These are some of Unno's contributions to environmental conservation:

- The Unno bulbs, using LED technology, bring a 80% reduction in energy use with their useful life lasting 10 years.
- The Unno range uses recyclable and reusable materials.
- Optimised raw materials offering energy savings during manufacturing processes.

All its uses

Maximum quality and guarantee



New mechanism design

More functional and simple, allowing safer operation and preventing direct and indirect contact. 46 mm x 22 mm cover with 27 mm mechanism height.

Robust mechanism design

Contact function via indirect swaying and forced shut-off. This system offers robustness and durability, increasing its useful life.

Advanced connection

The direct contact connection system prevents the cable from moving, keeping it in place despite the temperature, movement or passing of time affecting the connection.





Safety

All the products in the Unno range come with childproofing measures ensuring everybody's safety, including children under the most adverse conditions, complying with ABNT NBR 60884-1:2004 + decree 085 regulations: 03-04-2006 and NBR 14136:2002.

Reinforced mounting

With exclusive mounting system that prevents it from becoming displaced or sunken. Manufactured from polycarbonate, a hard wearing and rigid material.





Rapid connection

Extraction and front setting mechanism. Two installation options that ensure mechanisms are perfectly aligned:

- 1. Mounting assembly and subsequent connection
- 2. Connection and subsequent mounting assembly

Visibility

White LED lighting offer higher luminosity. Energy savings. Up to 80% longer lasting.



Large cover sizes

Allows the correction of possible imperfections when installing wall switches.



Unno

Rocker switches

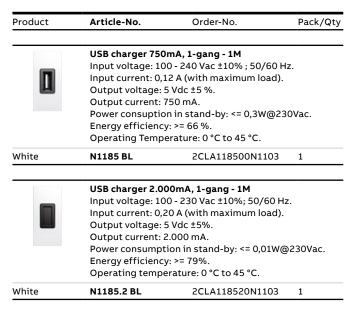
Product	Article-No.	Order-No.	Pack/Qty	
	Switch 1-gang, 1-			
	Rated voltage: 11 Rated current: 10			
	Screw terminals.			
	Optional: locator	LED lamp N1191 BL (127 V	ac).	
White	N1101 BL	2CLA110100N1103	30	
White/Black	N1101 BN	2CLA110100N1803	30	
	Switch 1-gang, 2-	way SD 1M		
	Rated voltage: 11			
	Rated current: 10			
	Screw terminals.			
	Optional: locator	LED lamp N1191 BL (127 V	ac).	
White	N1102 BL	2CLA110200N1103	30	
White/Black	N1102 BN	2CLA110200N1803	30	
	.	termediate, SP - 1 M		
	Rated voltage: 110 - 250 Vac. Rated current: 10 AX.			
	Screw terminals.			
	Optional: locator	LED lamp N1191 BL (127 V	ac).	
White	N1110 BL	2CLA111000N1103	30	
White/Black	N1110 BN	2CLA111000N1803	30	
	Switch 1-gang, 1-			
	Rated voltage: 11			
	Rated current: 20 Screw terminals.	AX.		
	Sciew terrimais.			
White	N1101.7 BL	2CLA110170N1103	5	
White/Black	N1101.7 BN	2CLA110170N1803	5	
	Switch 1-gang, 1-	-way SP - 1 M		
	Rated voltage: 11			
	Rated current: 10			
	Screw terminals.			
	Included: locator	LED lamp N1191 BL (127 Va	ac).	
White	N1101.3 BL	2CLA110130N1103	30	
White/Black	N1101.3 BN	2CLA110130N1803	30	
	Switch 1-gang, 2-	= -		
	Rated voltage: 11 Rated current: 10			
	Screw terminals.	737.		
		LED lamp N1191 BL (127 Va	ac).	
White	N1102.3 BL	2CLA110230N1103	30	
White/Black	N1102.3 BN	2CLA110230N1803	30	
willie/ Black	14110E.3 DIA	CCEUTIOC 20141002	50	

Product	Article-No.	Order-No.	Pack/Qty
	Push-button, SP	with bell symbol - 1M	
4	Rated voltage: 1	10 - 250 Vac.	
	Rated current: 10	DAX.	
	Screw terminals.		
	Optional: locator	r LED lamp N1191 BL (127 V	ac).
White	N1104 BL	2CLA110400N1103	30
White/Black	N1104 BN	2CLA110400N1803	30
	Locator LED lam	p kit - 127 Vac - 1M	
	Suitable for all th	ne switches and push butto	ns.
	White light.		
	Rated voltage: 1		
	Rear connection	=	
		0,2 mA. Specially designed	for CFL and
	LED lamps.		
White	N1191 BL	2CLA119100N1003	10

Unno

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty			
	Amaculaci:	d analyst cutst 434				
	Rated voltage: 12	d socket outlet - 1M				
	Rated current: 15					
	Type B: 2P + E / N					
	Shuttered for chi	ld safety.				
	Screw terminals.					
White	N1128 BL	2CLA112800N1103	30			
	American earthe	d duplex socket outlet - 31				
'.'	Rated voltage: 12	•	•			
	Rated current: 15	A.				
1.1	Type B: 2P + E / N	EMA 5-15R.				
•	Duplex outlet.	ld aafatu.				
	Shuttered for chi Screw terminals.	id Sarety.				
White	N1328 BL	2CLA132800N1103	20			
		nearthed socket outlet - 1	М			
	Rated voltage: 12 Rated current: 15	•				
_		n-earthed) / NEMA 1-15R.				
	Screw terminals.					
White	N1135 BL	2CLA113500N1103	30			
	Euro-American e	arthed socket outlet - 1M				
•	Rated voltage: 11					
_ •	Rated current: 15					
•	Type B+C: 2P + E Shuttered for chi					
	Screw terminals.	ia sarcty.				
White	N1138 BL	2CLA113800N1103	30			
Willie	HIIJOBL	ECEATISOCONITOS				
-	Euro-American e	arthed duplex socket outl	et - 3M			
1."	Rated voltage: 11	•				
	Rated current: 15	Rated current: 15 / 16 A.				
4 1	Type B+C: 2P + E					
•	Shuttered for chi	ld safety.				
	Screw terminals.					
White	N1338 BL	2CLA133800N1103	20			
	Brazilian 10A soc					
•	Rated voltage: 11					
•	Rated current: 10 Type N: 2P + E.	'А.				
•	Shuttered for chi	ld safety				
	Screw terminals.					
White	N1136 BL	2CLA113600N1103	20			
Red	N1136 RJ	2CLA113600N7003	20			
	1 - 1	1				
	Brazilian 20A soc	:ket outlet - 1M				
	Rated voltage: 11					
•	Rated current: 20) A.				
•	Type N: 2P + E.					
	Shuttered for chi	ld safety.				
	Screw terminals.					
White	N1136.2 BL	2CLA113620N1103	20			
Red	N1136.2 RJ	2CLA113620N7003	20			



White

N1118.6 BL

2CLA111860N1103

10

White

N1155.9 BL

2CLA115590N1103

Unno

Data communication

Product	Article-No.	Order-No.	Pack/Qty		
	1 1				
	TV terminal outle	et F-type - 1M			
-	Single TV outlet -	Dead-end.			
	F type.				
	For 75Ω impedance coaxial cable.				
	Frequency range:				
	Working voltage:				
		anding voltage: 500 VRMS	min.		
	Contact resistan				
	- 5 mΩ max. (cent	•			
	- 2 mΩ max. (oute	·			
	Insulator resistar	nce: 1.000 MΩ min.			
White	N1150 BL	2CLA115000N1103	10		
	Telephone outlet				
	RJ11 type connec	ctor.			
THE PARTY	4 contacts.				
	Suitable for 2 or 4	4 contacts jack.			
	Screw terminals.				
ماله:	N1117 P.	201 411170011100	10		
White	N1117 BL	2CLA111700N1103	10		
	Data sutlet D345	Cot SolITD			
	Data outlet RJ45				
	RJ45 type connector. Cat.5e UTP.				
	In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173.				
	Universal TIA/EIA 568A and 568B labeling.				
	Housing: ABS UL-94-0.				
	Durability: 750 cycles min. (ISO/IEC 11801,				
	IEC 60603-7-4).				
	IDC: PC UL94V-0, Accept 22-26AWG solid wire.				
	Contact: RJ45 8P8C, 3~50 micro-inch gold plating over				
	nickel plated on contact area. Tool-less wiring.				
	-	ith N2118.1, N2218.1 and N	2218 2		
	cover plates.	icii Neerio.i, Neerio.i ana N	LLIU.L		
White	N1118.5 BL	2CLA111850N1103	10		
	Data outlet RJ45	Cat.6 UTP			
	RJ45 type connec	ctor.			
THE PARTY	Cat.6 UTP.				
	In compliance with ANSI/TIA/EIA 568B.2,				
	ISO/IEC11801 & EN50173.				
	Universal TIA/EIA	568A and 568B labeling.			
	Housing: ABS UL-	94-0.			
	Durability: 750 cy	cles min. (ISO/IEC 11801,			
	IEC 60603-7-4).				
	IDC: PC UL94V-0,	Accept 22-26AWG solid wi	re.		
		8C, 3~50 micro-inch gold p			
	nickel plated on c	ontact area.	•		
	Tool-less wiring.				
	To be installed wi	ith N2118.1, N2218.1 and N	2218.2		
	cover plates.				
Mhito	N1110 6 BI	2CI A111960N1102	10		



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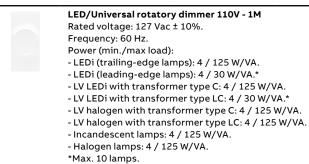
Unno

Blind control

Product	Article-No.	Order-No.	Pack/Qty
		d control 1-gang - 1M	
Δ	Rated voltage: 110		
	Rated current: 6A.		
∇	Miniswitch.		
V	Direct control		
White	N1144 BL	2CLA114400N1103	10
	Switch blind cont		
Δ	Rated voltage: 110) - 250 Vac.	
	Rated current: 6A.		
∇	Miniswitch.		
V	Direct control.		
White	N1144.1 BL	2CLA114410N1103	10
Various			
	Buzzer - 1M		
	Rated voltage: 110		
) - 230 Vac	
	Sound level at 1 m	eter: 75dB.	
	Sound level at 1 m		
	Sound level at 1 m	eter: 75dB.	
White	Sound level at 1 m	eter: 75dB.	10
White	Sound level at 1 m Adjustable volume	eter: 75dB. e with screwdriver.	10
White	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M	eter: 75dB. e with screwdriver. 2CLA111900N1103	10
White	Sound level at 1 m Adjustable volume	eter: 75dB. e with screwdriver. 2CLA111900N1103	10
White	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M	eter: 75dB. e with screwdriver. 2CLA111900N1103	10
White	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M	eter: 75dB. e with screwdriver. 2CLA111900N1103	10
White	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M	eter: 75dB. e with screwdriver. 2CLA111900N1103	10
White	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M	eter: 75dB. e with screwdriver. 2CLA111900N1103	10
White	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M	eter: 75dB. e with screwdriver. 2CLA111900N1103	10
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	
0	Sound level at 1 m Adjustable volume N1119 BL Cable outlet - 1M Includes a clamp t	eter: 75dB. e with screwdriver. 2CLA111900N1103 to fix the cable.	

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Rated voltage: 11 Incandescent lan Halogen lamps: 5	nps: 50 - 500 W.	fuse
White	N1160 BL	2CLA116000N1103	10
	Rated voltage: 22 Incandescent lan Halogen lamps: 5	nps: 50 - 700 W.	fuse
White	N1160.1 BL	2CLA116010N1103	10
	- LEDi with LC tra - Halogen with L0	0 Hz 3 W (127 / 230 Vac): V (max. 10 lamps). Insformer: 50 / 100 W (ma C transformer: 100 / 200 W mps: 150 / 250 W.	
White	N1160.2 BL	2CLA116020N1103	1
	Rated voltage: 2: Frequency: 50-60 Power (min./max - LEDi (trailing-ed) - LEDi (leading-ed) - LV LEDi with tra - LV LEDi with tra - LV halogen with	O Hz. (load): (load	//VA.* 0 W/VA.



Load selection 2 or 3 wire connection. OFF position.

N1160.8 BL

2 or 3 wire connection. OFF position

2CLA116030N1103

2CLA116080N1103

N1160.3 BL

White

White

Unno

Frames

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Flush mounting						
		es, 4"x2" Brazilian boxes a		White	N1670 BL	2CLA167000N1103	10
White	N1370 BL	2CLA137000N110	2 24		2-gang frame - 1		
	Flush mounting			White		o × 128 mm. ounting plate N1673.9 XX. lian and American boxes. 2CLA167100N1103	10
	Italian type boxe boxes.	es, 4"x2" Brazilian boxes a	and American			202/120120011200	
White	N1371 BL	2CLA137100N110	2 24			5 × 128 mm. ounting plate N1673.9 XX.	
		i × 80 mm. ounting plate N1373.9 XX	<.		For 4" × 4" Brazil	lian and American boxes.	
	Frame and mour	boxes code: 499.3. nting plate also suitable f es, 4"x2" Brazilian boxes a		White	N1672 BL	2CLA167200N1103	10
White	boxes. N1371.2 BL	2CLA137120N110	3 24		Dimensions: 115 Not included: me	1+1+1+1 modules 5 × 128 mm. ounting plate N1673.9 XX. lian and American boxes.	
	2-gang frame - 1 Dimensions: 115						
		ounting plate N1373.9 XX boxes code: 499.3.	⟨.	White	N1671.4 BL	2CLA167140N1103	10
		nting plate also suitable f es, 4"x2" Brazilian boxes a			2-gang frame - 3	5 × 128 mm.	
White	N1372 BL	2CLA137200N110	3 24			ounting plate N1673.9 XX. lian and American boxes.	
	1-gang frame - 3	3 modules					
	Flush mounting Frame and mour	s × 80 mm. ounting plate N1373.9 XX boxes code: 499.3. nting plate also suitable f es, 4"x2" Brazilian boxes a	for 3 module	White	N1673 BL	2CLA167300N1103	10
White	N1373 BL	2CLA137300N110	2 24				

Unno

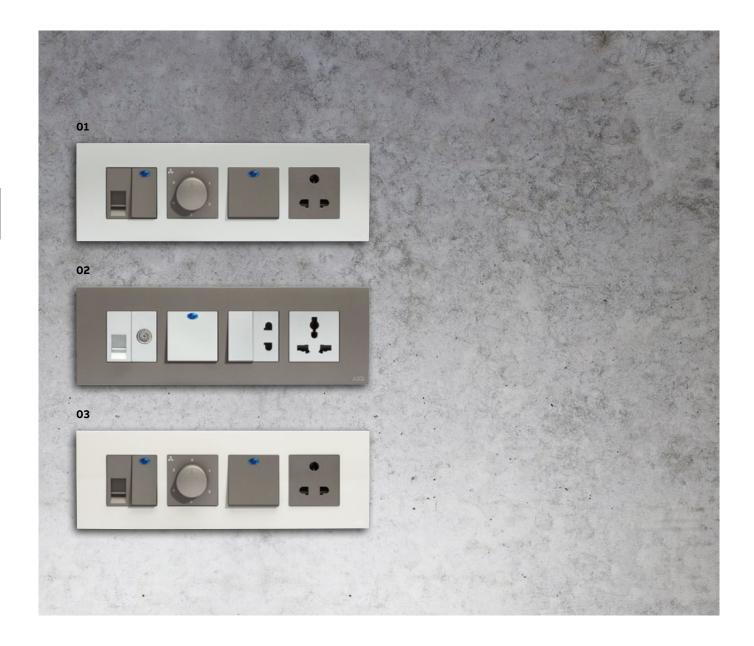
Mounting frames

Product	Article-No.	Order-No.	Pack/Qty
	With colored dec 3 modules. For N1371, N137 Dimensions: 115 Flush mounting Frame and mour	2, N1371.2 and N1373 fram	3 module
White	N1373.9 BL	2CLA137390N1103	24
Black	N1373.9 NG	2CLA137390N1503	24
Silver gray	N1373.9 GP	2CLA137390N1303	24
Chocolate	N1373.9 CT	2CLA137390N2603	24
Tangerine	N1373.9 MD	2CLA137390N2503	24
Blueberry	N1373.9 AR	2CLA137390N2403	24
	N1373.9 LL	2CLA137390N2303	24
Lilac			
	N1373.9 MN	2CLA137390N2203	24
Mint Mustard	N1373.9 MN N1373.9 MS	2CLA137390N2203 2CLA137390N2103	24 24

Product	Article-No.	Order-No.	Pack/Qty		
	2-gang mounting frame - 3+3 modules With colored decorative contour. 3+3 modules. For N1671, N1672, N1671.4 and N1673 frames. Dimensions: 115 × 128 mm. For 4" × 4" Brazilian boxes.				
White	N1673.9 BL	2CLA167390N1103	10		
Black	N1673.9 NG	2CLA167390N1503	10		
Silver gray	N1673.9 GP	2CLA167390N1303	10		
Chocolate	N1673.9 CT	2CLA167390N2603	10		
Tangerine	N1673.9 MD	2CLA167390N2503	10		
Blueberry	N1673.9 AR	2CLA167390N2403	10		
Lilac	N1673.9 LL	2CLA167390N2303	10		
Mint	N1673.9 MN	2CLA167390N2203	10		
Mustard	N1673.9 MS	2CLA167390N2103	10		
Blue	N1673.9 AZ	2CLA167390N2003	10		

Switch to the future.

Stylish design in three delightful colours which perfectly matches any interior. A comprehensive offer of premium modular wiring accessories provides advanced functions like dimming, USB charging, automatic switching based on movement, home automation. A clever combination of style, quality, safety and energy savings.



Different finishes and combinations:

- 01 Anthracite grey mechanisms in Silver plate
- 02 Silver mechanisms in Anthracite Grey plate
- 03 Anthracite grey mechanisms in White plate

Materials

Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.



Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1 way 6 A - 240 V ~ Number of module	es: 1	
white	IIS10610 BL	1SYK100001A1001	20/400
anthracite grey	IIS10610 AN	1SYK100001A1201	20/400
silver	IIS10610 PL	1SYK100001A1101	20/400
	Switch 2 way 6 A - 240 V ~ Number of module	es: 2	
white	IIS10620 BL	1SYK100001A1002	20/400
anthracite grey	IIS10620 AN	1SYK100001A1202	20/400
silver	IIS10620 PL	1SYK100001A1102	20/400

Switch 1 way 16 A - 240 V ~ Number of modules: 1

white	IIS11610 BL	1SYK100001A1006	20/400
anthracite grey	IIS11610 AN	1SYK100001A1206	20/400
silver	IIS11610 PL	1SYK100001A1106	20/400



Switch 1 way with indicator 16 A - 240 V ~ Number of modules: 1

white	IIS1161L BL	1SYK100001A1007	20/400	
anthracite grey	IIS1161L AN	1SYK100001A1207	20/400	
silver	IIS1161L PL	1SYK100001A1107	20/400	



Switch DP 32 A - 240 V ~ Number of modules: 2

white	IIS2321L BL	1SYK100001A1008	10/200
anthracite grey	IIS2321L AN	1SYK100001A1208	10/200
silver	IIS2321L PL	1SYK100001A1108	10/200

Product	Article-No.	Order-No.	Pack/Qty	
00	Push button with 6A Number of modu	•		
white	IIS106B0 BL	1SYK100001A1003	20/400	
anthracite grey	IIS106B0 AN	1SYK100001A1203	20/400	

Push button with bell symbol 6A With indicator Number of modules: 1

white	IIS106BL BL	1SYK100001A1004	20/400
anthracite grey	IIS106BL AN	1SYK100001A1204	20/400



Mega push button with bell symbol

With indicator Number of modules: 2

white	IIS206BL BL	1SYK100001A1005	20/400
anthracite grey	IIS206BL AN	1SYK100001A1205	20/400



Card switch 1-gang, 1-way, DP

Number of modules: 2

white	N2214.1 BL	2CLA221410N1102	1
anthracite grey	N2214.1 AN	2CLA221410N1802	1
silver	N2214.1 PL	2CLA221410N1302	1

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
•	Sockets - 240 V - 6A, 2+3 pin socke Number of modu	et		••	Euro-American e 240 V ~ Rated voltage: 1: Rated current: 1! 2P+E/ NEMA 5-1 Number of mode	5/16A 5R	
white	IIK20006 BL	1SYK100001A1021	10/200	white	N2238 BL	2CLA223800N1102	10
anthracite grey	IIK20006 AN	1SYK100001A1221	10/200	anthracite grey	N2238 AN	2CLA223800N1802	10
silver	IIK20006 PL	1SYK100001A1121	10/200	silver	N2238 PL	2CLA223800N1302	10
1	Sockets - 240 V - 6/13A universal s Number of modu	socket		•	240 V ~ Rated voltage: 1: Rated current: 1! 2P (non-earthed Number of modu	5/16A)/NEMA 1-15R	
white	IIK20613 BL	1SYK100001A1022	10/200	white	N2135 BL	2CLA213500N1102	20
anthracite grey	IIK20613 AN	1SYK100001A1222	10/200	anthracite grey	N2135 AN	2CLA213500N1802	20
silver	IIK20613 PL	1SYK100001A1122	10/200	silver	N2135 PL	2CLA213500N1302	20
8	Sockets - 240 V - 6/16A socket Number of modu				British standard 240 V ~ Rated current: 13 2 P+E Number of modu	ВА	
white	IIK20616 BL	1SYK100001A1023	10/200	white	N2237 BL	2CLA223700N1102	10

Sockets - 240 V ~ 6/20A socket Number of modules: 2

IIK20616 PL

anthracite grey IIK20616 AN

silver

silver	IIK20620 PL	1SYK100001A1124	10/200
anthracite grey	IIK20620 AN	1SYK100001A1224	10/200
white	IIK20620 BL	1SYK100001A1024	10/200

1SYK100001A1223

1SYK100001A1123

10/200

10/200

anthracite grey N2237 AN

anthracite grey IIM2SVSK AN

N2237 PL

Shaver Socket

IIM2SVSK BL

IIM2SVSK PL

Number of modules: 2

silver

white

silver

2CLA223700N1302

2CLA223700N1802

1SYK100001A1057

1SYK100001A1257

1SYK100001A1157

10

10

5/100

5/100

5/100

Sockets - 240 V ~ 6/25A socket Number of modules: 2

white	IIK20625 BL	1SYK100001A1025	10/200
anthracite grey	IIK20625 AN	1SYK100001A1225	10/200
silver	IIK20625 PL	1SYK100001A1125	10/200



Sockets - 240 V ~ 6A 2 pin socket Number of modules: 1

white	IIK10006 BL	1SYK100001A1026	20/400	
anthracite grey	IIK10006 AN	1SYK100001A1226	20/400	
silver	IIK10006 PL	1SYK100001A1126	20/400	

Pack/Qty

20/400

20/400

20/400

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USB chargers

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.
Sv Oc	USB charger 750 Number of modu	, , ,			Blank plates Number of modul	les: 1
white	N2185 BL	2CLA218500N1102	1	white	IIM1BLNK BL	1SYK100001A1041
anthracite grey	N2185 AN	2CLA218500N1802	1	anthracite grey	IIM1BLNK AN	1SYK100001A1241
silver	N2185 PL	2CLA218500N1302	1	silver	IIM1BLNK PL	1SYK100001A1141
		2027.22000001302		<u></u>		13130001/1111



USB charger 2.000mA, 1-gang Number of modules: 1

white	N2185.2 BL	2CLA218520N1102	1
anthracite grey	N2185.2 AN	2CLA218520N1802	1
silver	N2185.2 PL	2CLA218520N1302	1



USB charger 1.500mA, 2-gang Number of modules: 2

 white
 N2285 BL
 2CLA228500N1102
 1

 anthracite grey
 N2285 AN
 2CLA228500N1802
 1

 silver
 N2285 PL
 2CLA228500N1302
 1

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Dimmers

	Article-No.	Order-No.	Pack/Qty
	Dimmer & fan reg Step fan regulato Number of modul	r 5 step	
white	IIM2FR05 BL	1SYK100001A1042	5/100
anthracite grey	IIM2FR05 AN	1SYK100001A1242	5/100
	IIM2FR05 PL	1SYK100001A1142	5/100

white	IIM1FR04 BL	1SYK100001A1043	10/200
anthracite grey	IIM1FR04 AN	1SYK100001A1243	10/200
silver	IIM1FR04 PL	1SYK100001A1143	10/200



Dimmer & fan regulators Dimmer 400 Watt Number of modules: 1

Number of modules: 1

white	IIM2D400 BL	1SYK100001A1045	10/200
anthracite grey	IIM1D400 AN	1SYK100001A1245	10/200
silver	IIM1D400 PL	1SYK100001A1145	10/200



Universal rotatory/push dimmer

Number of modules: 2 Rated voltage: 230 V AC

Max. power: Incandescent: 500 W

Halogen lamp with electronic transformer: 500 VA Halogen lamp with ferromagnetic transformer: 400 VA

white	N2260.2 BL	2CLA226020N1102	1	
anthracite grey	N2260.2 AN	2CLA226020N1802	1	
silver	N2260.2 PL	2CLA226020N1302	1	



LED rotatory/push dimmer

Number of modules: 2 Rated voltage: 230 V AC Nominal power: 250 W/VA

Power (min./max load): LEDi: 2/100 W/VA

(max. 10 lamps)

Dimmable energy saving lamps: 2/100 W/VA

(max. 10 lamps)

LV LEDi with transformer (only type L or LC):

4/100 W/VA (max. 10 lamps) Incandescent lamps: 10/250 W/VA Halogen lamps: 10/250 W/VA

LV halogen with transformer (only type L or LC):

10/250 W/VA (max. 10 lamps)

2 wire connection

Optional: auxiliary on/off with 2-way switch N2X02

white	N2260.3 BL	2CLA226030N1102	1
anthracite grey	N2260.3 AN	2CLA226030N1802	1
silver	N2260.3 PL	2CLA226030N1302	1

Product	Article-No.	Order-No.	Pack/Qty



LED rotatory/push dimmer

Number of modules: 2 Rated voltage: 127 V AC

Frequency: 50/60 Hz (Nominal power: 140 W/VA)

Power (min./max load): LEDi: 2/55 W/VA

(max. 10 lamps)

Dimmable energy saving lamps: 2/55 W/VA

(max. 10 lamps)

LV LEDi with transformer (only type L or LC): $4/55 \, \text{W/VA}$

(max. 10 lamps)

Incandescent lamps: 10/140 W/VA Halogen lamps: 10/140 W/VA

LV halogen with transformer (only type L or LC):

10/140 W/VA (max. 10 lamps)

white	N2260.8 BL	2CLA226080N1102	1
anthracite grey	N2260.8 AN	2CLA226080N1802	1
silver	N2260.8 PL	2CLA226080N1302	1



1-10V rotary dimmer

Number of modules: 2

Rated voltage: 127 - 230 V AC / 50 - 60 Hz Max. power: 230 V AC: 700 VA, 127 V AC: 350 VA

Max. 6 ballasts per device

white	N2260.9 BL	2CLA226090N1102	1
anthracite grey	N2260.9 AN	2CLA226090N1802	1
silver	N2260.9 PL	2CLA226090N1302	1

Data communication

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
•	2x RCA connection Number of modu			D	HDMI connection Number of modu		
white	N2155.2 BL	2CLA215520N1102	1	white	N2155.6 BL	2CLA215560N1102	1
anthracite grey	N2155.2 AN	2CLA215520N1802	1	anthracite grey	N2155.6 AN	2CLA215560N1802	1
silver	N2155.2 PL	2CLA215520N1302	1	silver	N2155.6 PL	2CLA215560N1302	1
(c)(d)(d)(e)(e)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)(f)<l< td=""><td>3x RCA connection Number of modu</td><td></td><td></td><td>D</td><td>HDMI female-fen Number of modu</td><td>nale connection unit les: 1</td><td></td></l<>	3x RCA connection Number of modu			D	HDMI female-fen Number of modu	nale connection unit les: 1	
white	N2155.3 BL	2CLA215530N1102	1	white	N2155.7 BL	2CLA215570N1102	1
anthracite grey	N2155.3 AN	2CLA215530N1802	1	anthracite grey	N2155.7 AN	2CLA215570N1802	1
silver	N2155.3 PL	2CLA215530N1302	1	silver	N2155.7 PL	2CLA215570N1302	1
•	Mini-Jack connec Number of modu			D	USB connection of Number of modu		
white	N2155.4 BL	2CLA215540N1102	1	white	N2155.8 BL	2CLA215580N1102	1
anthracite grey	N2155.4 AN	2CLA215540N1802	1	anthracite grey	N2155.8 AN	2CLA215580N1802	1
silver	N2155.4 PL	2CLA215540N1302	1	silver	N2155.8 PL	2CLA215580N1302	1
	VGA connection Number of modu			n	USB female-fem Number of modu	ale connection unit les: 1	
white	N2155.5 BL	2CLA215550N1102	1	white	N2155.9 BL	2CLA215590N1102	1
anthracite grey	N2155.5 AN	2CLA215550N1802	1	anthracite grey	N2155.9 AN	2CLA215590N1802	1
silver	N2155.5 PL	2CLA215550N1302	1	silver	N2155.9 PL	2CLA215590N1302	1

Data communication

Product	Article-No.	Order-No.	Pack/Qty		
	Data & Voice RJ11 Tel. jack 2 pin Number of modules: 1				
white	IIM1RJ11 BL	1SYK100001A1047	20/400		
anthracite grey	IIM1RJ11 AN	1SYK100001A1247	20/400		
silver	IIM1RJ11 PL	1SYK100001A1147	20/400		

Data & Voice RJ45 Jack cat 6 Number of modules: 1

white	IIM1RJ45 BL	1SYK100001A1048	20/400
anthracite grey	IIM1RJ45 AN	1SYK100001A1248	20/400
silver	IIM1RJ45 PL	1SYK100001A1148	20/400



TV Socket TV co-axial socket Number of modules: 1

white	IIM1TVSK BL	1SYK100001A1049	20/400
anthracite grey	IIM1TVSK AN	1SYK100001A1249	20/400
silver	IIM1TVSK DI	15VK100001A1149	20/400

Multimedia

IVIE

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
		iles: 2 8A cos = 0,5 ration modes: Hysteresis: (Iulation: with a ±4°C differe			Multiroom sound Number of modu		
		0% to 0% modulation ith N2240.5 cover plates		white	9368.1	2CLA936810A1001	1
vhite	8140.5	2CLA814050A1002	1			for multiroom sound modu	ıle
#03E	Cover plate for o	ligital thermostat lles: 2			Number of modu	les: 2	
DE OR				white	9368.2	2CLA936820A1001	1
vhite	N2240.5 BL	2CLA224050N1102	1		Cover plate for r	adio/remote control modu	ıles
nthracite grey		2CLA224050N1802	1			•	
ilver	N2240.5 PL	2CLA224050N1302	1				
				white	N2268 BL	2CLA226800N1102	1
					FM-radio and ala Number of modu		
				white	9368- FM	2CLA936800A1001	1
					Cover plate for r	adio/remote control modu	ules
				white	N2268 BL	2CLA226800N1102	1
					Auxiliary module Number of modu		
				white	9368.3	2CLA936830A1001	1
					Cover plate for I	/O + USB + Bluetooth mod	ule
				white	N2268.3 BL	2CLA226830N1102	1
					Speaker connect	ion unit	

N2257.1 BL

white

2CLA225710N1102

Movement detectors

Product	Article-No.	Order-No.	Pack/Qty
		·	
900	- Halogen with e 750VA @230V A - Fluorescent lar 200VA @127V A For automatic s' motion and brig With integrated in the front side Switch-off delay 1 sec adjustable Detection range Adjustable light front side) Detection angle	ules: 2 1.800W @230V AC/1.000W electronic o ferromagnetic of C/400VA @127V AC of the control of	transformer: OV AC/ dent on atic ON-OFF t-time pulse on (from the
white	N2241 BL	2CLA224100N1102	1
anthracite grey	N2241 AN	2CLA224100N1802	1
silver	N2241 PL	2CLA224100N1302	1

Buzzer / Door bell

Product	Article-No.	Order-No.	Pack/Qty		
	Buzzer & door bell Buzzer Number of modules: 2				
white	IIM2BUZR BL	1SYK100001A1054	5/100		
anthracite grey	IIM2BUZR AN	1SYK100001A1254	5/100		
silver	IIM2BUZR PL	1SYK100001A1154	5/100		
	Buzzer Number of modul	es: 1			
white	N2119 BL	2CLA211900N1102	1		
anthracite grey	N2119 AN	2CLA211900N1802	1		
silver	N2119 PL	2CLA211900N1302	1		
	Buzzer Number of modul	es: 2			
white	N2219 BL	2CLA221900N1102	1		
anthracite grey	N2219 AN	2CLA221900N1802	1		
silver	N2219 PL	2CLA221900N1302	1		
	Electronic de colo	- II 220 V A C			
•••••	Electronic door b Number of modul				

N2224 BL

N2224 PL

anthracite grey N2224 AN

white

silver

2CLA222400N1102

2CLA222400N1802

2CLA222400N1302

1

Signaling and lighting systems

Product	Article-No.	Order-No.	Pack/Qty		
		,			
	Indicator Number of modul	les: 1			
white	IIM1INDI BL	1SYK100001A1053	20/400		
anthracite grey		1SYK100001A1253	20/400		
silver	IIM1INDI PL	1SYK100001A1153	20/400		
		101111111111111111111111111111111111111			
	LED white signaling light Number of modules: 1 Lamp: white LED Luminous flux: > 2 lumen at 1 meter, white diffuser				
white	N2180 BL	2CLA218000N1102	5		
white	Lamp: white LED Luminous flux: > 7	2 lumen at 1 meter, Red dif 2CLA218000N1602	fuser		
	LED red signaling Number of modul Lamp: white LED Luminous flux: > 2		diffuser		
white	N2180 VD	2CLA218000N1802	1		
	LED signaling lig Number of modul Lamp: white LED Luminous flux: > 2		liffuser		
white	N2280 BL	2CLA228000N1102	1		
	Autonomy: 3 hour 2 hours with lowe	les: 2 2 lumen at 1 meter, white d rs (1 hour at maximum illur	mination		
white	N2281 BL	2CLA228100N1102	1		

Product	Article-No.	Order-No.	Pack/Qty
	DND & MMR DND and MMR set Number of module	internal & external es: 2+3	
white	IIM1DNDS BL	1SYK100001A1055	5/100
anthracite grey	IIM1DNDS AN	1SYK100001A1255	5/100
silver	IIM1DNDS PL	1SYK100001A1155	5/100
-iı O			
. <u>i</u> 1 ○			
	N2244.5 BL	2CLA224450N1102	1
anthracite grey	N2244.5 AN	2CLA224450N1802	1
white anthracite grey silver			
anthracite grey	N2244.5 AN	2CLA224450N1802 2CLA224450N1302 g light	1
anthracite grey	N2244.5 AN N2244.5 PL LED MUR signalin	2CLA224450N1802 2CLA224450N1302 g light	1



silver

LED DND signaling light

Number of modules: 1

N2180.5 PL

white	N2180.4 BL	2CLA218040N1102	1
anthracite grey	N2180.4 AN	2CLA218040N1802	1
silver	N2180.4 PL	2CLA218040N1302	1

2CLA218050N1302

Other products

Product	Article-No.	Order-No.	Pack/Qty		
00	Starters Single Phase Starte Number of module				
white	IIM2ST20 BL	1SYK100001A1051	5/100		
	Starters Single Phase Starter 25A Number of modules: 2				
white	IIM2ST25 BL	1SYK100001A1052	5/100		
white	Down lighter Number of module		5/100		
	Down lighter		5/100		
white white anthracite grey	Down lighter Number of module	s: 3			

silver

IIP0453 PL

1SYK100001A1175

10/190

silver

IIP1888 PL

1SYK100001A1180

5/40

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Cover frames

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
200	Plate with frame 1M plate Number of modules:	1			Plate with frame 6M plate Number of modul	es: 6	
white	IIP0133 BL	1SYK100001A1071	15/360	white	IIP0683 BL	1SYK100001A1076	5/120
anthracite grey	IIP0133 AN	1SYK100001A1271	15/360	anthracite grey	IIP0683 AN	1SYK100001A1276	5/120
silver	IIP0133 PL	1SYK100001A1171	15/360	silver	IIP0683 PL	1SYK100001A1176	5/120
	Plate with frame 2M plate Number of modules:	. 2		1111	Plate with frame 8M plate Number of modul	es: 8	
white	IIP0233 BL	1SYK100001A1072	15/360	white	IIP0893 BL	1SYK100001A1077	5/120
anthracite grey	IIP0233 AN	1SYK100001A1272	15/360	anthracite grey	IIP0893 AN	1SYK100001A1277	5/120
silver	IIP0233 PL	1SYK100001A1172	15/360	silver	IIP0893 PL	1SYK100001A1177	5/120
	Plate with frame 3M plate power Number of modules:	3			Plate with frame 8M plate square Number of modul	es: 8	
white	IIPP343 BL	1SYK100001A1073	10/240	white	IIP0855 BL	1SYK100001A1078	5/95
anthracite grey	IIPP343 AN	1SYK100001A1273	10/240	anthracite grey	IIP0855 AN	1SYK100001A1278	5/95
silver	IIPP343 PL	1SYK100001A1173	10/240	silver	IIP0855 PL	1SYK100001A1178	5/95
	Plate with frame 3M plate Number of modules:	3			Plate with frame 12M plate Number of modul	es: 12	
white	IIP0343 BL	1SYK100001A1074	10/240	white	IIP1286 BL	1SYK100001A1079	5/95
anthracite grey	IIP0343 AN	1SYK100001A1274	10/240	anthracite grey	IIP1286 AN	1SYK100001A1279	5/95
silver	IIP0343 PL	1SYK100001A1174	10/240	silver	IIP1286 PL	1SYK100001A1179	5/95
	Plate with frame 4M plate Number of modules:	4			Plate with frame 18M plate Number of modul	es: 18	
white	IIP0453 BL	1SYK100001A1075	10/190	white	IIP1888 BL	1SYK100001A1080	5/40
anthracite grey	IIP0453 AN	1SYK100001A1275	10/190	anthracite grey	IIP1888 AN	1SYK100001A1280	5/40

IVIE

Installation boxes

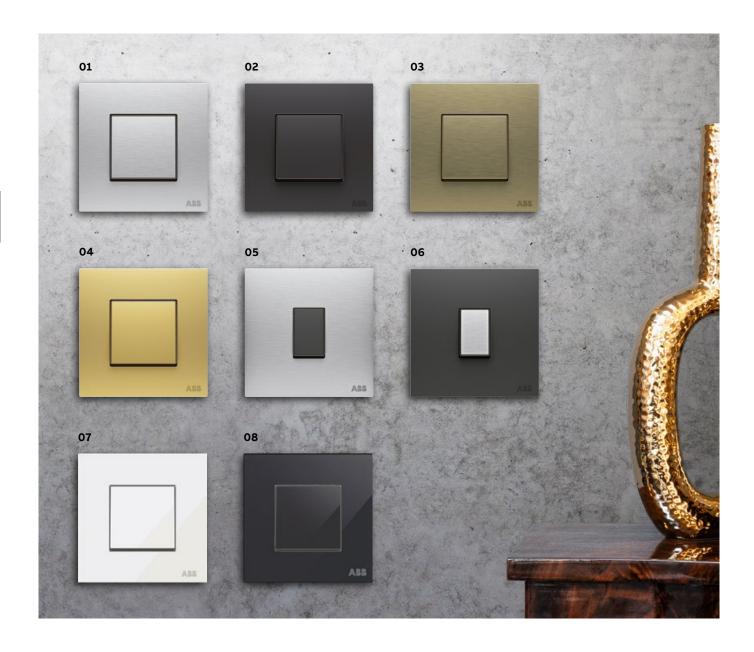
Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Flush boxes 1-2 M Metal Box Number of modules:	1/2		0.00	Flush boxes 8 M Metal Box Number of modu	les: 8	
	IAB0233W	1SYK100001A1441	24		IAB0893W	1SYK100001A1445	12
	Flush boxes 3 M Metal Box Number of modules:	3			Flush boxes 8 M Metal Box Sq Number of modu		
	IAB0343W	1SYK100001A1442	18		IAB0855W	1SYK100001A1446	7
	Flush boxes 4 M Metal Box Number of modules:	4		~	Flush boxes 12M Metal Box Number of modu	les: 12	
	IAB0453W	1SYK100001A1443	18		IAB1286W	1SYK100001A1447	5
	Flush boxes 6 M Metal Box Number of modules:	6		0 ** 9 0 * 0	Flush boxes 18 M Metal Box Number of modu	les: 18	
	IAB0683W	1SYK100001A1444	12		IAB1888W	1SYK100001A1448	5

Distinct sophistication.

Cool. Conspicuous. Clever. Striking metal light switches in square and ultra slim designs.

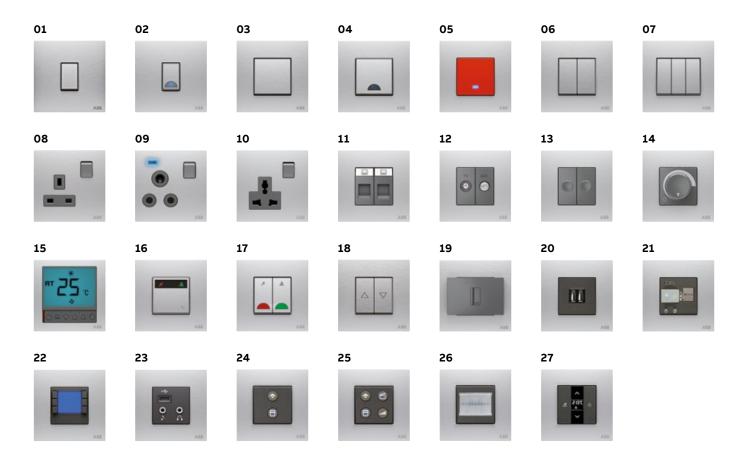
Millenium surprises with its complexity and functional solutions designed for any interior, any building.

A wide range of KNX sensors meet the highest of customer demands. Engineered to offer maximum comfort and happiness.



- 01 stainless steel
- 02 silk black
- 03 antique gold
- 04 matt gold
- 05 stainless steel frame silk black switch
- 06 silk black frame stainless steel switch
- 07 white glass frame white glass switch
- 08 black glass frame black glass switch

Selected functions.



- 01 1-gang 1-way switch
- 02 Double pole switch, with status indicator led
- 03 1-gang 2-way switch, premium rocker
- 04 Switch, with bell symbol, premium rocker
- 05 Double pole switch, status indicator led. 45A
- 06 2-gang 1-way switch
- 07 3-gang 2-way switch
- 08 BS single pole switched socket outlet

- 09 BS double pole round pin switched socket outlet with led
- 10 Universal socket outlet
- 11 2-gang computer outlet, RJ45
- 12 TV / SAT outlet
- 13 1-gang double rotary dimmer
- 14 Rotary dimmer
- 15 Thermostat controller, 2 pipe system with blue display
- 16 Bell push switch DND / MUR by LED signalling
- 17 2-gang switch DND / MUR by LED signaling

- 18 Blind control switch
- 19 Card switch
- 20 USB charging socket
- 21 Movement detector
- 22 FM stereo receiver with RDS
- 23 USB and Bluetooth® entry/exit module
- 24 Switch 1/2-gang ABB-free@home®
- 25 Switch 2/4-gang ABB-free@home®
- 26 Movement detector ABB-free@home®
- 27 Room temperature controller ABB-free@home®



- 1- to 4-gang frame
- 01 Side view, 4 x 86 mm
- 02 Frame 1-gang, 86 x 86 mm
- 03 Frame 1-gang, 86 x 86 mm
- 04 Frame 2-gang, 86 x 147 mm
- 05 Frame 3-gang, 86 x 228 mm
- 06 Frame 4-gang, 86 x 293 mm



For more information about light switch ranges visit ABB global web sites.

Features and benefits.

Millenium's design and functionality converts into numerous technical and installation advantages.



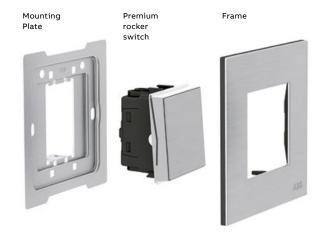


Millenium installation system

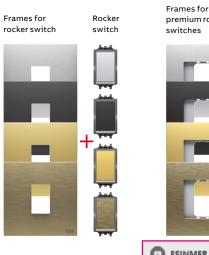
Millenium collection is a grid type system enabling combination of colours and products of different dimension and functionality. The three type of switch dimensions together with the KNX sensors have to be composed with the required frame in order to have the right assortment of functionality and design.

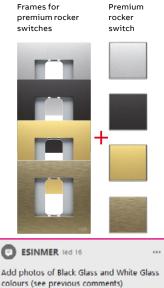






- Modern and contemporary finishes made of real stainless steel.
- Slim design with only 4 mm height. Straight and square lines. Rocker with an attractive chrome profile.
- Screwless front plate.
- The design range includes KNX sensors.
- Large variety of socket outlets equipped with shutters (child protection).
- New LED signalling reduces energy consumption.
- KNX sensors included in the range.
- Easy to install, simple and adaptable. Installation on uneven walls is possible.
- 10 years ABB warranty for mechanical switches and socket outlets, 1 year ABB warranty for electronic devices.
- Environment-friendly range through optimized production and distribution process, reduction of raw material consumption, LED lamps used, recyclable packaging, ...
- Ideal collection for all types of homes, hotels, offices, shops, etc.





Chybí obrázky.

Complete sets (AM).

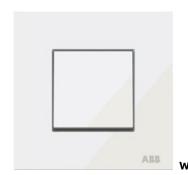
Millenium offers high quality complete sets. Each unique reference contains mechanism, frame and mounting plate; making easier the ordering, handling and installation. A reliable and complete collection with all functionality at first sight.

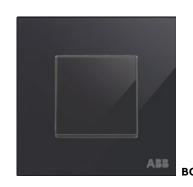












Millenium offers a wide and elegant choice of finishes in stainless steel AISI 304 material: from the Brush Stainless Steel, to the soft new touch given by the Silk Black, and the luxury of the sophisticated gold finishes, Matt Gold and Antique Gold. In addition two stylish glass finishes have been introduced to cater premium installations: White Glass and Black Glass.

ST Stainless Steel

SB Silk Black *

MG Matt Gold

AG Antique Gold

WG White Glass

BG Black Glas

* Silk Black not suitable to installation outdoors

Pack/Qty

Millenium – Complete sets (AM)

1 Gang switches. Rocker

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack
-							
	Switch 1-gang, 1-wa				Push-button 1-ga		
	Rated voltage: 250Va Rated current: 10AX				Rated voltage: 250 Rated current: 10A		
	Rated carrent. IOAX				Rated current. 102	•	
				222			
~							
Stainless Steel	AM10120-ST	2CLA610109N1101	1	Stainless Steel	AM43020-ST	2CLA610409N1101	1
-	1 1						
	Switch 1-gang, 2-wa					ng, 1-way, SP with bell sy	mbol
	Rated voltage: 250Va Rated current: 10AX				Rated voltage: 250 Rated current: 10A		
	Rated current: TOAX				Bell symbol indica		
140					205750		
744				7.50			
Stainless Steel	AM10520-ST	2CLA610209N1101	1	Stainless Steel	AM42920-ST	2CLA610449N1101	1
ī							
	Switch 1-gang, inter	•					
	Rated voltage: 250Va Rated current: 10AX						
	nated carrent. 10/1/						
222							
744							
Stainless Steel	AM11920-ST	2CLA611009N1101	1				
	Switch 1-gang, 1-wa	ay, SP 20AX					
	Rated voltage: 250V	ac					
	Rated current: 20AX						
ABB							
Stainless Steel	AM11020-ST	2CLA610119N1101	1				
	Switch 1-gang, 2-wa	NY SP 20 AX					
	Rated voltage: 250V						
	Rated current: 20AX						
AM							
<u> </u>		261 461 201 201 101					
Stainless Steel	AM11520-ST	2CLA610219N1101	1				
	Switch 1, same 1	DD 20AV					
	Switch 1-gang, 1-wa Rated voltage: 250Va						
	Rated current: 20AX						
	Status indicator LED						
440							
Stainless Steel	AM11120-ST	2CLA610139N1101	1				
	Switch 1-gang, 1-wa Rated voltage: 250Va	ay, DP water heater 20 <i>A</i>	X				
	Rated current: 20AX						
	Water heater indicat						
60							
Stainless Steel	AM10920-ST	2CLA610149N1101	1				

Millenium – Complete sets (AM)

1 Gang switches. Premium rocker

Product	Article-No.	Order-No.	Pack/Qty
	·	'	
	Switch 1-gang, 1-way		
	Rated voltage: 250Va	С	
	Rated current: 10AX Premium size rocker		
	ca s.ze . cene.		
Stainless Steel	AM10144-ST	2CLA620109N1101	1
	Switch 1-gang, 2-way Rated voltage: 250Va		
	Rated current: 10AX	C	
	Premium size rocker		
AND			
Chairless Charl	AN410544 ST	261 462020011101	
Stainless Steel	AM10544-ST	2CLA620209N1101	
	Switch 1-gang, inter	 mediate, SP premium 1	OAX
	Rated voltage: 250Va	•	
	Rated current: 10AX		
	Premium size rocker		
AND			
Stainless Steel	AM11944-ST	2CLA621009N1101	1
	1	1	
	Switch 1-gang, 1-way	, SP premium 20AX	
	Rated voltage: 250Va	С	
	Rated current: 20AX		
	Premium size rocker		
AN			
Stainless Steel	AM11044-ST	2CLA620119N1101	1
	Switch 1-gang, 2-way	-	
	Rated voltage: 250Va Rated current: 20AX	С	
	Premium size rocker		
	555.EG . GG/KGI		
Stainless Steel	AM11544-ST	2CLA620219N1101	1
	Forderlan C. 1	104	
	Fan isolator 3 poles Rated voltage: 250Va		
	Rated voitage: 250va		
	Premium size rocker		
700			
Stainless Steel	AM13444-ST	2CLA620509N1101	1
		1-way, SP premium 10	DA
	Rated voltage: 250Va Rated current: 10A	С	
	Premium size rocker		
	J J.20 . JOKE		
Stainless Steel	AM43044-ST	2CLA620409N1101	1



2CLA620149N1601

2CLA620149N1701

2CLA620149N3001

2CLA620149N3101

Antique Gold

Matt Gold

White Glass

Black Glass

AM17744-AG

AM17744-MG

AM17744-WG

AM17744-BG

Millenium - Complete sets (AM)

2 Gang switches

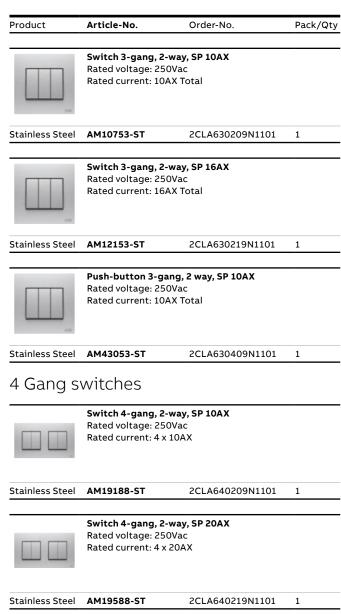
Pack/Qty Product Article-No. Order-No. Switch 2-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 2 x 10AX AM10244-ST Stainless Steel 2CLA621109N1101 Switch 2-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 2 x 10AX Stainless Steel AM10644-ST 2CLA622209N1101 Switch 2-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 2 x 20AX Stainless Steel AM11444-ST 2CLA621119N1101 Switch 2-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 2 x 20AX

2CLA622219N1101

AM11644-ST

Stainless Steel

3 Gang switches



Millenium – Complete sets (AM)

Socket outlets

White Glass

Black Glass

AM23886-WG

AM23886-BG

2CLA623729N3001

2CLA623729N3101

1

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
		,					
	BS SP switched se					ocket outlet, 2-gang 13A	
	Rated voltage: 25 Rated current: 13.				Rated voltage: 250 Rated current: 13/		
	Single pole			-	Double pole		
494	Dual earth with ch	nild safety shutter system			Dual earth with ch	ild safety shutter system	
Stainless Steel	AM23386-ST	2CLA623739N1101	1	Stainless Steel	AM239147-ST	2CLA643719N1101	1
Silk Black	AM23386-SB	2CLA623739N1501	1	Silk Black	AM239147-SB	2CLA643719N1501	1
Antique Gold	AM23386-AG	2CLA623739N1601	1	Antique Gold	AM239147-AG	2CLA643719N1601	1
Matt Gold	AM23386-MG	2CLA623739N1701	1	Matt Gold	AM239147-MG	2CLA643719N1701	1
White Glass	AM23386-WG	2CLA623739N3001	1	White Glass	AM239147-WG	2CLA643719N3001	1
Black Glass	AM23386-BG	2CLA623739N3101	1	Black Glass	AM239147-BG	2CLA643719N3101	1
	BS DP switched s	ocket outlet 12A		-	BS DB switched S	O w/LED, 2-gang 13A	
	Rated voltage: 25				Rated voltage: 25		
	Rated current: 13	A			Rated current: 13/	Ą	
	Double pole	nild safety shutter system			Double pole Indicator LED		
435	Duai cai tii witii ci	ma sarcty snatter system				ild safety shutter system	
Stainless Steel	AM23786-ST	2CLA623719N1101	1	Stainless Steel	AM240147-ST	2CLA643729N1101	1
Silk Black	AM23786-SB	2CLA623719N1501	1	Silk Black	AM240147-SB	2CLA643729N1501	1
Antique Gold	AM23786-AG	2CLA623719N1601	1	Antique Gold	AM240147-AG	2CLA643729N1601	1
Matt Gold	AM23786-MG	2CLA623719N1701	1	Matt Gold	AM240147-MG	2CLA643729N1701	1
White Glass	AM23786-WG	2CLA623719N3001	1	White Glass	AM240147-WG	2CLA643729N3001	1
Black Glass	AM23786-BG	2CLA623719N3101	1	Black Glass	AM240147-BG	2CLA643729N3101	1
	BS SD switched s	ocket outlet w/LED 13A			BS DB round nin s	witched outlet 5A	
	Rated voltage: 25	•			Rated voltage: 25		
	Rated current: 13.	A		•	Rated current: 5A		
	Single pole Indicator LED			• •	Double pole Child safety shutt	er system	
ASS		nild safety shutter system		A30	oa sarety sirate	c. 5,5tc	
Stainless Steel	AM23486-ST	2CLA623749N1101	1	Stainless Steel	AM22186-ST	2CLA623759N1101	1
Silk Black	AM23486-SB	2CLA623749N1501	1	Silk Black	AM22186-SB	2CLA623759N1501	1
Antique Gold	AM23486-AG	2CLA623749N1601	1	Antique Gold	AM22186-AG	2CLA623759N1601	1
Matt Gold	AM23486-MG	2CLA623749N1701	1	Matt Gold	AM22186-MG	2CLA623759N1701	1
White Glass	AM23486-WG	2CLA623749N3001	1	White Glass	AM22186-WG	2CLA623759N3001	1
Black Glass	AM23486-BG	2CLA623749N3101	1	Black Glass	AM22186-BG	2CLA623759N3101	1
	RS DP switched s	ocket outlet w/LED 13A			BS DP round nin e	witched outlet 15A	
	Rated voltage: 25	=			Rated voltage: 25		
	Rated current: 13.	A		•	Rated current: 15/	A	
-	Double pole Indicator LED			••	Double pole Child safety shutt	er system	
A59		nild safety shutter system		A55	Cima Jaiety Silutt	c. 5,500m	
Stainless Steel	AM23886-ST	2CLA623729N1101	1	Stainless Steel	AM20986-ST	2CLA623769N1101	1
Silk Black	AM23886-SB	2CLA623729N1501	1	Silk Black	AM20986-SB	2CLA623769N1501	1
Antique Gold	AM23886-AG	2CLA623729N1601	1	Antique Gold	AM20986-AG	2CLA623769N1601	1
Matt Gold	AM23886-MG	2CLA623729N1701	1	Matt Gold	AM20986-MG	2CLA623769N1701	1
					4140000000000		

AM20986-WG

AM20986-BG

White Glass

Black Glass

2CLA623769N3001

2CLA623769N3101

Millenium - Complete sets (AM)

Socket outlets

Voice data & information connectors

BS DP round pin s		
Rated voltage: 250 Rated current: 15 <i>A</i> Double pole Indicator LED		4
AM23186-ST	2CLA623779N1101	1
AM23186-SB	2CLA623779N1501	1
AM23186-AG	2CLA623779N1601	1
AM23186-MG	2CLA623779N1701	1
AM23186-WG	2CLA623779N3001	1
AM23186-BG	2CLA623779N3101	1
	Double pole Indicator LED Child safety shutte AM23186-ST AM23186-SB AM23186-AG AM23186-MG AM23186-WG	AM23186-ST 2CLA623779N1101 AM23186-SB 2CLA623779N1601 AM23186-AG 2CLA623779N1701 AM23186-MG 2CLA623779N3001 AM23186-WG 2CLA623779N3001



Universal switched socket outlet 13A

Rated voltage: 250Vac Rated current: 13A

Child safety shutter system

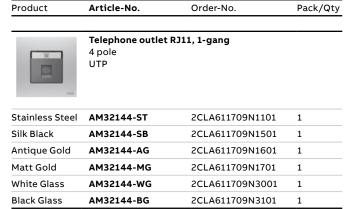
Stainless Steel	AM29486-ST	2CLA623919N1101	1
Silk Black	AM29486-SB	2CLA623919N1501	1
Antique Gold	AM29486-AG	2CLA623919N1601	1
Matt Gold	AM29486-MG	2CLA623919N1701	1
White Glass	AM29486-WG	2CLA623919N3001	1
Black Glass	AM29486-BG	2CLA623919N3101	1



Cooker control unit

Rated voltage: 250Vac Main switch: Rated current: 45A Double pole Indicator LED Socket outlet: Rated current: 13A Child safety shutter system Indicator LED Flush wall box 45mm

Stainless Steel	AM118147-ST	2CLA643749N1101	1
Silk Black	AM118147-SB	2CLA643749N1501	1
Antique Gold	AM118147-AG	2CLA643749N1601	1
Matt Gold	AM118147-MG	2CLA643749N1701	1
White Glass	AM118147-WG	2CLA643749N3001	1
Black Glass	AM118147-BG	2CLA643749N3101	1





BT master telephone outlet RJ11/RJ12, 1-gang

BT master 6 pole UTP

Stainless Steel	AM30544-ST	2CLA611889N1101	1	
Silk Black	AM30544-SB	2CLA611889N1501	1	
Antique Gold	AM30544-AG	2CLA611889N1601	1	
Matt Gold	AM30544-MG	2CLA611889N1701	1	
White Glass	AM30544-WG	2CLA611889N3001	1	
Black Glass	AM30544-BG	2CLA611889N3101	1	



BT secondary telephone outlet RJ11/RJ12, 1-gang

BT secondary 6 pole UTP

Stainless Steel	AM30644-ST	2CLA611899N1101	1
Silk Black	AM30644-SB	2CLA611899N1501	1
Antique Gold	AM30644-AG	2CLA611899N1601	1
Matt Gold	AM30644-MG	2CLA611899N1701	1
White Glass	AM30644-WG	2CLA611899N3001	1
Black Glass	AM30644-BG	2CLA611899N3101	1



Computer outlet RJ45 Cat. 5E UTP, 1-gang 8 pole UTP

Stainless Steel	AM33144-ST	2CLA611859N1101	1
Silk Black	AM33144-SB	2CLA611859N1501	1
Antique Gold	AM33144-AG	2CLA611859N1601	1
Matt Gold	AM33144-MG	2CLA611859N1701	1

Millenium – Complete sets (AM)

Voice data & information connectors

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
AM	Computer outlet 8 pole UTP	RJ45 Cat. 6 UTP, 1-gang		-	Computer outlet 8 pole Cat 6A	RJ45 Cat. 6A, 2-gang	
Stainless Steel	AM33344-ST	2CLA611869N1101	1	Stainless Steel	AM33744-ST	2CLA621879N1101	1
Silk Black	AM33344-SB	2CLA611869N1501	1	Silk Black	AM33744-SB	2CLA621879N1501	1
Antique Gold	AM33344-AG	2CLA611869N1601	1	Antique Gold	AM33744-AG	2CLA621879N1601	1
Matt Gold	AM33344-MG	2CLA611869N1701	1	Matt Gold	AM33744-MG	2CLA621879N1701	1
White Glass	AM33344-WG	2CLA611869N3001	1	White Glass	AM33744-WG	2CLA621879N3001	1
Black Glass	AM33344-BG	2CLA611869N3101	1	Black Glass	AM33744-BG	2CLA621879N3101	1
Stainless Steel	AM33644-ST	2CLA611879N1101	1	Stainless Steel	AM33444-ST	2CLA621829N1101	1
Silk Black	AM33644-SB	2CLA611879N1501	1	Silk Black	AM33444-SB	2CLA621829N1501	1
Antique Gold	AM33644-AG	2CLA611879N1601	1	Antique Gold	AM33444-AG	2CLA621829N1601	1
Matt Gold	AM33644-MG	2CLA611879N1701	1	· ·			
White Glass	AM33644-WG	2CLA611879N3001	1	Matt Gold	AM33444-MG	2CLA621829N1701	1
Black Glass	RJ45 single adapt For connectors ty Openet-ICS, THT,	pe Keystone, AMP, Brand-	Rex,	. Ann	TV outlet, 1-gang M type isolated de		
A39				Stainless Steel	AM30144-ST	2CLA615009N1101	1
Stainless Steel	AM33544-ST	2CLA621819N1101	1	Silk Black	AM30144-SB	2CLA615009N1501	1
Silk Black	AM33544-SB	2CLA621819N1501	1	Antique Gold	AM30144-AG	2CLA615009N1601	1
Antique Gold	AM33544-AG	2CLA621819N1601	1	Matt Gold	AM30144-MG	2CLA615009N1701	1
Matt Gold	AM33544-MG	2CLA621819N1701	1	White Glass	AM30144-WG	2CLA615009N3001	1
. Idet Gold	A. 133344 1113	LCLAULIUIJNITUI		Black Glass	AM30144-RG	2CI A615009N3101	



Computer outlet RJ45 Cat. 5E UTP, 2-gang 8 pole UTP

Stainless Steel	AM33244-ST	2CLA621859N1101	1
Silk Black	AM33244-SB	2CLA621859N1501	1
Antique Gold	AM33244-AG	2CLA621859N1601	1
Matt Gold	AM33244-MG	2CLA621859N1701	1



Computer outlet RJ45 Cat. 6 UTP, 2-gang 8 pole UTP

Stainless Steel	AM32944-ST	2CLA621869N1101	1
Silk Black	AM32944-SB	2CLA621869N1501	1
Antique Gold	AM32944-AG	2CLA621869N1601	1
Matt Gold	AM32944-MG	2CLA621869N1701	1
White Glass	AM32944-WG	2CLA621869N3001	1
Black Glass	AM32944-BG	2CLA621869N3101	1



Black Glass

TV/SAT outlet F type isolated dead-end-feeder.

2CLA615009N3101

AM30144-BG

Stainless Steel	AM31344-ST	2CLA625009N1101	1
Silk Black	AM31344-SB	2CLA625009N1501	1
Antique Gold	AM31344-AG	2CLA625009N1601	1
Matt Gold	AM31344-MG	2CLA625009N1701	1
White Glass	AM31344-WG	2CLA625009N3001	1
Black Glass	AM31344-BG	2CLA625009N3101	1

Pack/Qty

Millenium – Complete sets (AM)

Voice data & information connectors

Order-No.



Product

SAT outlet

Article-No.

F type isolated dead-end-feeder.

Stainless Steel	AM30344-ST	2CLA615109N1101	1
Silk Black	AM30344-SB	2CLA615109N1501	1
Antique Gold	AM30344-AG	2CLA615109N1601	1
Matt Gold	AM30344-MG	2CLA615109N1701	1
White Glass	AM30344-WG	2CLA615109N3001	1
Black Glass	AM30344-BG	2CLA615109N3101	1



SAT twin outlet F type

F type isolated dead-end-feeder.

Stainless Steel	AM32344-ST	2CLA625109N1101	1
Silk Black	AM32344-SB	2CLA625109N1501	1
Antique Gold	AM32344-AG	2CLA625109N1601	1
Matt Gold	AM32344-MG	2CLA625109N1701	1
White Glass	AM32344-WG	2CLA625109N3001	1
Black Glass	AM32344-BG	2CLA625109N3101	1



SAT twin outlet F type

2 terminals

Stainless Steel	AM34144-ST	2CLA622919N1101	1
Silk Black	AM34144-SB	2CLA622919N1501	1
Antique Gold	AM34144-AG	2CLA622919N1601	1
Matt Gold	AM34144-MG	2CLA622919N1701	1



Flex outlet 20A

Rated current: 20A

Stainless Steel	AM55044-ST	2CLA620729N1101	1
Silk Black	AM55044-SB	2CLA620729N1501	1
Antique Gold	AM55044-AG	2CLA620729N1601	1
Matt Gold	AM55044-MG	2CLA620729N1701	1
White Glass	AM55044-WG	2CLA620729N3001	1
Black Glass	AM55044-BG	2CLA620729N3101	1

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
M	150 VA. Operating tempe For special ambie	0V~ +/-10 50 Hz. / VA.	
Stainless Steel	AM41244-ST	2CLA616039N1101	1
Silk Black	AM41244-SB	2CLA616039N1501	1
Antique Gold	AM41244-AG	2CLA616039N1601	1
Matt Gold	AM41244-MG	2CLA616039N1701	1
White Glass	AM41244-WG	2CLA616039N3001	1
Black Glass	AM41244-BG	2CLA616039N3101	1



Rotary dimmer

Rated voltage: 250V~ +/-10 50 Hz.

Min. power: 40W / VA.

Max. power:

- Incandescent lamps: 400W.
- Halogen lamps with ferromagnetic transformers: 300 VA.

Operating temperature: 0° C to +30° C.

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Stainless Steel	AM41344-ST	2CLA626039N1101	1
Silk Black	AM41344-SB	2CLA626039N1501	1
Antique Gold	AM41344-AG	2CLA626039N1601	1
Matt Gold	AM41344-MG	2CLA626039N1701	1
White Glass	AM41344-WG	2CLA626039N3001	1
Black Glass	AM41344-BG	2CLA626039N3101	1

Millenium – Complete sets (AM)

Thermostats

Product	Article-No.	Order-No.	Pack/Qty



Thermostat 2 pipe w/blue display

Rated voltage: 250Vac Rated power: 200W Sensor: NTC

Temperature setting: 5° C - 35° C Temp adjustment: +/- 1° C

Depth: 25,5 mm.

Stainless Steel	AM41786-ST	2CLA624059N1101	1
Silk Black	AM41786-SB	2CLA624059N1501	1
Antique Gold	AM41786-AG	2CLA624059N1601	1
Matt Gold	AM41786-MG	2CLA624059N1701	1
White Glass	AM41786-WG	2CLA624059N3001	1
Black Glass	AM41786-BG	2CLA624059N3101	1



Thermostat 4 pipe w/blue display

Rated voltage: 250Vac Rated power: 200W Sensor: NTC

Temperature setting: 5° C - 35° C Temp adjustment: +/- 1° C

Depth: 25,5 mm.

Black Glass	AM42086-BG	2CLA624069N3101	1
White Glass	AM42086-WG	2CLA624069N3001	1
Matt Gold	AM42086-MG	2CLA624069N1701	1
Antique Gold	AM42086-AG	2CLA624069N1601	1
Silk Black	AM42086-SB	2CLA624069N1501	1
Stainless Steel	AM42086-ST	2CLA624069N1101	1

Hotel equipment

Product	Article-No.	Order-No.	Pack/Qty



Push button, DND/MUR with bell symbol 10A

Rated voltage: 250Vac Rated current: 10A Red LED: "Do Not Disturb" Green LED: "Make Up Room" Premium size rocker

Stainless Steel **AM40344-ST** 2CLA621589N1101 1



Switch 2-gang, DND/MUR 10AX

Rated voltage: 250Vac Rated current: 10AX Red LED: "Do Not Disturb" Green LED: "Make Up Room" LED signaling

Stainless Steel **AM40444-ST** 2CLA621509N1101 1



Switch blind control

Rated voltage: 250Vac Rated current: 16AX

Output: 2 normally open contact Multi-way input terminal (up/down)

Stainless Steel AM11844-ST 2CLA624419N1101 1



Card switch 16AX

Rated voltage: 250Vac Rated current: 16AX Includes indication LED

Stainless Steel	AM40244-ST	2CLA621419N1101	1
Silk Black	AM40244-SB	2CLA621419N1501	1
Antique Gold	AM40244-AG	2CLA621419N1601	1
Matt Gold	AM40244-MG	2CLA621419N1701	1
White Glass	AM40244-WG	2CLA621419N3001	1
Black Glass	AM40244-BG	2CLA621419N3101	1



Electronic card switch 16AX

Rated voltage: 250Vac Rated current: 16AX Includes indication LED Time relay: 5-90 sec. Cards up to 54 mm width.

Stainless Steel	AM40544-ST	2CLA621459N1101	1
Silk Black	AM40544-SB	2CLA621459N1501	1
Antique Gold	AM40544-AG	2CLA621459N1601	1
Matt Gold	AM40544-MG	2CLA621459N1701	1
White Glass	AM40544-WG	2CLA621459N3001	1
Black Glass	AM40544-BG	2CLA621459N3101	1

Millenium - Complete sets (AM)

Hotel equipment

Product Article-No. Order-No. Pack/Qty Spare Led for card switches Rated voltage: 250Vac Rated current: 0.7mA Frontal replacement.

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THE REAL PROPERTY.

Shaver socket outlet

AM50093-BL

Rated voltage: 20VA / 230Vac Outputs: 115V and 230V Dimensions: 150x90x54mm

Flush wall box not included (45mm depth minimum)

2CLA619309N1001

Stainless Steel	AM40188-ST	2CLA680309N1101	1
Silk Black	AM40188-SB	2CLA680309N1501	1
Antique Gold	AM40188-AG	2CLA680309N1601	1
Matt Gold	AM40188-MG	2CLA680309N1701	1
White Glass	AM40188-WG	2CLA680309N3001	1
Black Glass	AM40188-BG	2CLA680309N3101	1

Various



Blank plate Premium size

Stainless Steel	AM50444-ST	2CLA620009N1101	1
Silk Black	AM50444-SB	2CLA620009N1501	1
Antique Gold	AM50444-AG	2CLA620009N1601	1
Matt Gold	AM50444-MG	2CLA620009N1701	1
White Glass	AM50444-WG	2CLA620009N3001	1
Black Glass	AM50444-BG	2CLA620009N3101	1



Fuse connection unit w/flex outlet 13A

Rated voltage: 230Vac Rated current: 13A Fuse size: Ø6.3x25mm

Fuse breaking capacity: 6kA 264V 50Hz

Fuse according to BS1362

Stainless Steel	AM50653-ST	2CLA630809N1101	1	
Silk Black	AM50653-SB	2CLA630809N1501	1	
Antique Gold	AM50653-AG	2CLA630809N1601	1	
Matt Gold	AM50653-MG	2CLA630809N1701	1	
White Glass	AM50653-WG	2CLA630809N3001	1	
Black Glass	AM50653-BG	2CLA630809N3101	1	

Various

Fuse connection unit w/flex outlet Rated voltage: 230Vac Rated current: 13A	•
Fuse size: Ø6.3x25mm Fuse breaking capacity: 6kA 264V* Fuse according to BS1362 Status indicator LED	
Stainless Steel AM50853-ST 2CLA630859	N1101 1
Silk Black AM50853-SB 2CLA630859	N1501 1
Antique Gold AM50853-AG 2CLA630859	N1601 1
Matt Gold AM50853-MG 2CLA630859	N1701 1
White Glass AM50853-WG 2CLA630859	N3001 1
Black Glass AM50853-BG 2CLA630859	N3101 1



Switched fuse connection unit w/flex outlet w/LED 13A

Rated voltage: 230Vac Rated current: 13A Fuse size: Ø6.3x25mm

Fuse breaking capacity: $6kA\ 264V^{\sim}\ 50Hz$

Fuse according to BS1362 Status indicator LED

Stainless Steel	AM50753-ST	2CLA630829N1101	1
Silk Black	AM50753-SB	2CLA630829N1501	1
Antique Gold	AM50753-AG	2CLA630829N1601	1
Matt Gold	AM50753-MG	2CLA630829N1701	1
White Glass	AM50753-WG	2CLA630829N3001	1
Black Glass	AM50753-BG	2CLA630829N3101	1



For use with:

AM11120-XX, AMD11120-XX, AM18120-XX, AMD18120-XX, AM42920-XX, AMD42920-XX, AM18144-XX, AMD18144-XX, AM42944-XX and AMD42944-XX.

Key symbol	AM50100-CH	2CLA600100N1101	1
Fan symbol	AM50200-CH	2CLA600100N1201	1
Wc symbol	AM50300-CH	2CLA600100N1301	1
Room service symbol	AM50400-CH	2CLA600100N1401	1
Nurse symbol	AM50500-CH	2CLA600100N1501	1
Stop symbol	AM50600-CH	2CLA600100N1601	1

Rocker switch

Black Glass

AMD11920-BG

2CLA610110N3101

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-v Rated voltage: 250 Rated current: 10A)Vac			Switch 1-gang, 2-v Rated voltage: 250 Rated current: 20A)Vac	
Stainless Steel	AMD10120-ST	2CLA610100N1101	10	Stainless Steel	AMD11520-ST	2CLA610210N1101	10
Silk Black	AMD10120-SB	2CLA610100N1501	10	Silk Black	AMD11520-SB	2CLA610210N1501	10
Antique Gold	AMD10120-AG	2CLA610100N1601	10	Antique Gold	AMD11520-AG	2CLA610210N1601	10
Matt Gold	AMD10120-MG	2CLA610100N1701	10	Matt Gold	AMD11520-MG	2CLA610210N1701	10
White Glass	AMD10120-WG	2CLA610100N3001	10	White Glass	AMD11520-WG	2CLA610210N3001	5
Black Glass	AMD10120-BG	2CLA610100N3101	10	Black Glass	AMD11520-BG	2CLA610210N3101	5
	Switch 1-gang, 2- Rated voltage: 250 Rated current: 10A)Vac			Switch 1-gang, 1- Rated voltage: 250 Rated current: 20A Status indicator Li	OVac XX	
Stainless Steel	AMD10520-ST	2CLA610200N1101	10	Stainless Steel	AMD11120-ST	2CLA610130N1101	10
Silk Black	AMD10520-SB	2CLA610200N1501	10	Silk Black	AMD11120-SB	2CLA610130N1501	10
Antique Gold	AMD10520-AG	2CLA610200N1601	10	Antique Gold	AMD11120-AG	2CLA610130N1601	10
Matt Gold	AMD10520-MG	2CLA610200N1701	10	Matt Gold	AMD11120-MG	2CLA610130N1701	10
White Glass	AMD10520-WG	2CLA610200N3001	5	White Glass	AMD11120-WG	2CLA610130N3001	5
Black Glass	AMD10520-BG	2CLA610200N3101	5	Black Glass	AMD11120-BG	2CLA610130N3101	5
	Switch 1-gang, int Rated voltage: 250 Rated current: 10A			WATER	Switch 1-gang, 1-Rated voltage: 250 Rated current: 20A Water heater indic	λX	x
Stainless Steel	AMD11920-ST	2CLA611000N1101	10	Stainless Steel	AMD10920-ST	2CLA610140N1101	10
Silk Black	AMD11920-SB	2CLA611000N1501	10	Silk Black	AMD10920-SB	2CLA610140N1501	10
Antique Gold	AMD11920-AG	2CLA611000N1601	10	Antique Gold	AMD10920-AG	2CLA610140N1601	10
Matt Gold	AMD11920-MG	2CLA611000N1701	10	Matt Gold	AMD10920-MG	2CLA610140N1701	10
White Glass	AMD11920-WG	2CLA611000N3001	5	White Glass	AMD10920-WG	2CLA610140N3001	5
Black Glass	AMD11920-BG	2CLA611000N3101	5	Black Glass	AMD10920-BG	2CLA610140N3101	5
Switch 1-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX				Push-button 1-ga Rated voltage: 250 Rated current: 10A)Vac		
Stainless Steel	AMD11020-ST	2CLA610110N1101	10	Stainless Steel	AMD43020-ST	2CLA610400N1101	10
Silk Black	AMD11020-SB	2CLA610110N1501	10	Silk Black	AMD43020-SB	2CLA610400N1501	10
Antique Gold	AMD11020-AG	2CLA610110N1601	10	Antique Gold	AMD43020-AG	2CLA610400N1601	10
Matt Gold	AMD11020-MG	2CLA610110N1701	10	Matt Gold	AMD43020-MG	2CLA610400N1701	10
White Glass	AMD11920-WG	2CLA610110N3001	10	White Glass	AMD43020-WG	2CLA610400N3001	5

Black Glass

AMD43020-BG

2CLA610400N3101

Rocker switch

Premium rocker switch

		n n 1 CDish h a	
Product	Article-No.	Order-No.	Pack/Qt



Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED

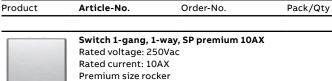
Stainless Steel	AMD42920-ST	2CLA610440N1101	10
Silk Black	AMD42920-SB	2CLA610440N1501	10
Antique Gold	AMD42920-AG	2CLA610440N1601	10
Matt Gold	AMD42920-MG	2CLA610440N1701	10
White Glass	AMD42920-WG	2CLA610440N3001	5
Black Glass	AMD42920-BG	2CLA610440N3101	5

Rocker switch frames



Rocker switch frame 1-gang Includes metal mounting frame Dimensions 86x86 mm.

Stainless Steel	AMD5120-ST	2CLA617100N1101	10
Silk Black	AMD5120-SB	2CLA617100N1501	10
Antique Gold	AMD5120-AG	2CLA617100N1601	10
Matt Gold	AMD5120-MG	2CLA617100N1701	10
White Glass	AMD5120-WG	2CLA617100N3001	4
Black Glass	AMD5120-BG	2CLA617100N3101	4







Switch 1-gang, 2-way, SP premium 10AX Rated voltage: 250Vac

Rated voltage: 250Vac Rated current: 10AX Premium size rocker

Black Glass	AMD10544-BG	2CLA620200N3101	5
White Glass	AMD10544-WG	2CLA620200N3001	5
Matt Gold	AMD10544-MG	2CLA620200N1701	10
Antique Gold	AMD10544-AG	2CLA620200N1601	10
Silk Black	AMD10544-SB	2CLA620200N1501	10
Stainless Steel	AMD10544-ST	2CLA620200N1101	10



Switch 1-gang, intermediate, SP premium 10AX

Rated voltage: 250Vac Rated current: 10AX Premium size rocker

Stainless Steel	AMD11944-ST	2CLA621000N1101	10
Silk Black	AMD11944-SB	2CLA621000N1501	10
Antique Gold	AMD11944-AG	2CLA621000N1601	10
Matt Gold	AMD11944-MG	2CLA621000N1701	10
White Glass	AMD11944-WG	2CLA621000N3001	5
Black Glass	AMD11944-BG	2CLA621000N3101	5



Switch 1-gang, 1-way, SP premium 20AX

Rated voltage: 250Vac Rated current: 20AX Premium size rocker

Stainless Steel	AMD11044-ST	2CLA620110N1101	10
Silk Black	AMD11044-SB	2CLA620110N1501	10
Antique Gold	AMD11044-AG	2CLA620110N1601	10
Matt Gold	AMD11044-MG	2CLA620110N1701	10
White Glass	AMD11044-WG	2CLA620110N3001	5
Black Glass	AMD11044-BG	2CLA620110N3101	5

2CLA687410N3101 2

Millenium - Grid system for combination (AMD)

Premium rocker switch

Premium rocker frames

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qt
	Switch 1-gang, 2-wa Rated voltage: 250Va Rated current: 20AX Premium size rocker			A10	Premium rocker s Includes metal mo Dimensions 86x80	•	
Stainless Steel	AMD11544-ST	2CLA620210N1101	10	Stainless Steel	AMD5044-ST	2CLA617110N1101	10
Silk Black	AMD11544-SB	2CLA620210N1501	10	Silk Black	AMD5044-SB	2CLA617110N1501	10
Antique Gold	AMD11544-AG	2CLA620210N1601	10	Antique Gold	AMD5044-AG	2CLA617110N1601	10
Matt Gold	AMD11544-MG	2CLA620210N1701	10	Matt Gold	AMD5044-MG	2CLA617110N1701	10
White Glass	AMD11544-WG	2CLA620210N3001	5	White Glass	AMD5044-WG	2CLA617110N3001	4
Black Glass	AMD11544-BG	2CLA620210N3101	5	Black Glass	AMD5044-BG	2CLA617110N3101	4
	Push-button 1-gang Rated voltage: 250Va Rated current: 10A Premium size rocker		OA		Premium/double Includes metal mo Dimensions 86x14	•	ng
Stainless Steel	AMD43044-ST	2CLA620400N1101	10	Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD43044-SB	2CLA620400N1501	10	Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD43044-AG	2CLA620400N1601	10	Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD43044-MG	2CLA620400N1701	10	Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD43044-WG	2CLA620400N3001	5	White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD43044-BG	2CLA620400N3101	5	Black Glass	AMD5244-BG	2CLA647200N3101	5
	Push-button 1-gang symbol 10A Rated voltage: 250Va Rated current: 10A Bell symbol indicator Premium size rocker	r LED	/bell		Premium/half/do Includes metal mo Dimensions 86x27	•	3-gang
Stainless Steel	AMD42944-ST	2CLA620440N1101	10	Stainless Steel	AMD5344-ST	2CLA667310N1101	10
Silk Black	AMD42944-SB	2CLA620440N1501	10	Silk Black	AMD5344-SB	2CLA667310N1501	10
Antique Gold	AMD42944-AG	2CLA620440N1601	10	Antique Gold	AMD5344-AG	2CLA667310N1601	10
Matt Gold	AMD42944-MG	2CLA620440N1701	10	Matt Gold	AMD5344-MG	2CLA667310N1701	10
White Glass	AMD42944-WG	2CLA620440N3001	5	White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD42944-BG	2CLA620440N3101	5	Black Glass	AMD5344-BG	2CLA667310N3101	2
					Premium/half/do Includes metal mo Dimensions 86x29	•	4-gang
				Stainless Steel	AMD5444-ST	2CLA687410N1101	10
				Silk Black	AMD5444-SB	2CLA687410N1501	10
				Antique Gold	AMD5444-AG	2CLA687410N1601	10
				Matt Gold	AMD5444-MG	2CLA687410N1701	10

Black Glass AMD5444-BG

Stainless Steel

Silk Black

Matt Gold

White Glass

Black Glass

Antique Gold

AMD43222-ST

AMD43222-SB

AMD43222-AG

AMD43222-MG

AMD43222-WG

AMD43222-BG

2CLA680400N1101

2CLA680400N1501

2CLA680400N1601

2CLA680400N1701

2CLA680400N3001

2CLA680400N3101

10

10

10

10

Stainless Steel

Antique Gold

Silk Black

Matt Gold

White Glass

Black Glass

AMD40344-ST

AMD40344-SB

AMD40344-AG

AMD40344-MG

AMD40344-WG

AMD40344-BG

2CLA621580N1101

2CLA621580N1501

2CLA621580N1601

2CLA621580N1701

2CLA621580N3001

2CLA621580N3101

5

Millenium - Grid system for combination (AMD)

Half/double rocker switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-w Rated voltage: 250\ Rated current: 10A\ Half rocker size				Switch 1-gang, 1-v Rated voltage: 250 Rated current: 20A Half rocker size		
Stainless Steel	AMD10222-ST	2CLA680100N1101	10	Stainless Steel	AMD11422-ST	2CLA680110N1101	10
Silk Black	AMD10222-SB	2CLA680100N1501	10	Silk Black	AMD11422-SB	2CLA680110N1501	10
Antique Gold	AMD10222-AG	2CLA680100N1601	10	Antique Gold	AMD11422-AG	2CLA680110N1601	10
Matt Gold	AMD10222-MG	2CLA680100N1701	10	Matt Gold	AMD11422-MG	2CLA680110N1701	10
White Glass	AMD10222-WG	2CLA680100N3001	5	White Glass	AMD11422-WG	2CLA680110N3001	5
Black Glass	AMD10222-BG	2CLA680100N3101	5	Black Glass	AMD11422-BG	2CLA680110N3101	5
	Switch 1-gang, 2-w Rated voltage: 250 Rated current: 10A) Half rocker size				Switch 1-gang, 2-v Rated voltage: 250 Rated current: 20A Half rocker size		
Stainless Steel	AMD10622-ST	2CLA680200N1101	10	Stainless Steel	AMD11622-ST	2CLA680210N1101	10
Silk Black	AMD10622-SB	2CLA680200N1501	10	Silk Black	AMD11622-SB	2CLA680210N1501	10
Antique Gold	AMD10622-AG	2CLA680200N1601	10	Antique Gold	AMD11622-AG	2CLA680210N1601	10
Matt Gold	AMD10622-MG	2CLA680200N1701	10	Matt Gold	AMD11622-MG	2CLA680210N1701	10
White Glass	AMD10622-WG	2CLA680200N3001	5	White Glass	AMD11622-WG	2CLA680210N3001	5
Black Glass	AMD10622-BG	2CLA680200N3101	5	Black Glass	AMD11622-BG	2CLA680210N3101	5
	Switch 1-gang, into Rated voltage: 250\ Rated current: 10A\ Half rocker size		OAX	$\triangle \nabla$	Switch blind contr Rated voltage: 250 Rated power: 16AX Output: 2 normally Multi-way input ter	Vac open contact	
Stainless Steel	AMD12922-ST	2CLA681000N1101	10	Stainless Steel	AMD11844-ST	2CLA624410N1101	10
Silk Black	AMD12922-SB	2CLA681000N1501	10	Silk Black	AMD11844-SB	2CLA624410N1501	10
Antique Gold	AMD12922-AG	2CLA681000N1601	10	Antique Gold	AMD11844-AG	2CLA624410N1601	10
Matt Gold	AMD12922-MG	2CLA681000N1701	10	Matt Gold	AMD11844-MG	2CLA624410N1701	10
White Glass	AMD12922-WG	2CLA681000N3001	5	White Glass	AMD11844-WG	2CLA624410N3001	5
Black Glass	AMD12922-BG	2CLA681000N3101	5	Black Glass	AMD11844-BG	2CLA624410N3101	5
	Push button 1-gan Rated voltage: 250' Rated current: 10A Half rocker size	g, 1-way, half rocker 10A Vac	<u>, </u>	₩ &	Push button 2-gan Rated voltage: 250 Rated power: 10A Do Not Disturb Make Up my Room LED signalling	g, DND/MUR with bell sy Vac	rmbol 10A

Half/double rocker switches

Half/double rocker & other functions

Product	Article-No.	Order-No.	Pack/Qty
# At	Switch 2-gang, DN Rated voltage: 250 Rated power: 10AX Do Not Disturb Make Up my Room LED signalling	Vac	
Stainless Steel	AMD40444-ST	2CLA621500N1101	5
Silk Black	AMD40444-SB	2CLA621500N1501	5
Antique Gold	AMD40444-AG	2CLA621500N1601	5
Matt Gold	AMD40444-MG	2CLA621500N1701	5
White Glass	AMD40444-WG	2CLA621500N3001	5
Black Glass	AMD40444-BG	2CLA621500N3101	5
	Fan isolator 3 pole	s double 10A	



Rated voltage: 250Vac Rated power: 10A 3 poles

Stainless Steel	AMD13444-ST	2CLA620500N1101	10
Silk Black	AMD13444-SB	2CLA620500N1501	10
Antique Gold	AMD13444-AG	2CLA620500N1601	10
Matt Gold	AMD13444-MG	2CLA620500N1701	10
White Glass	AMD13444-WG	2CLA620500N3001	5
Black Glass	AMD13444-BG	2CLA620500N3101	5

Half/double rocker & other functions frames



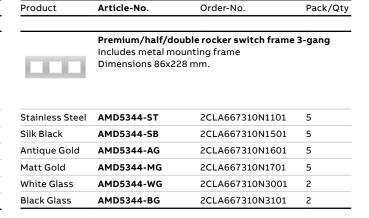
Half/double rocker & other functions frame 1-gang Includes metal mounting frame Dimensions 86x86 mm.

Stainless Steel	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10



Premium/half/double rocker switch frame 2-gang Includes metal mounting frame Dimensions 86x147 mm.

Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5



Premium/half/double rocker switch frame 4-gang Includes metal mounting frame Dimensions 86x293 mm.

Stainless Steel AMD5444-ST 2CLA687410N1101 5 Silk Black AMD5444-SB 2CLA687410N1501 5 Antique Gold AMD5444-AG 2CLA687410N1601 5 Matt Gold AMD5444-MG 2CLA687410N1701 5 White Glass AMD5444-WG 2CLA687410N3001 2	Black Glass	AMD5444-BG	2CLA687410N3101	2
Silk Black AMD5444-SB 2CLA687410N1501 5 Antique Gold AMD5444-AG 2CLA687410N1601 5	White Glass	AMD5444-WG	2CLA687410N3001	2
Silk Black AMD5444-SB 2CLA687410N1501 5	Matt Gold	AMD5444-MG	2CLA687410N1701	5
	Antique Gold	AMD5444-AG	2CLA687410N1601	5
Stainless Steel AMD5444-ST 2CLA687410N1101 5	Silk Black	AMD5444-SB	2CLA687410N1501	5
	Stainless Steel	AMD5444-ST	2CLA687410N1101	5

Triple rocker switch



Switch 3-gang, 2-way, triple rocker 10AX

Rated voltage: 250Vac Rated power: 10AX Total

Stainless Steel	AMD10753-ST	2CLA630200N1101	10
Silk Black	AMD10753-SB	2CLA630200N1501	10
Antique Gold	AMD10753-AG	2CLA630200N1601	10
Matt Gold	AMD10753-MG	2CLA630200N1701	10
White Glass	AMD10753-WG	2CLA630200N3001	5
Black Glass	AMD10753-BG	2CLA630200N3101	5



Switch 3-gang, 2-way, triple rocker 16AX

Rated voltage: 250Vac Rated power: 16AX Total

Stainless Steel	AMD12153-ST	2CLA630210N1101	10
Silk Black	AMD12153-SB	2CLA630210N1501	10
Antique Gold	AMD12153-AG	2CLA630210N1601	10
Matt Gold	AMD12153-MG	2CLA630210N1701	10
White Glass	AMD12153-WG	2CLA630210N3001	5
Black Glass	AMD12153-BG	2CLA630210N3101	5

Triple rocker switch

Socket outlet

Product	Article-No.	Order-No.	Pack/Qty
		,	



Push button 3-gang, 2-way, triple rocker 10AX

Rated voltage: 250Vac Rated power: 10AX Total

Stainless Steel	AMD43053-ST	2CLA630400N1101	10
Silk Black	AMD43053-SB	2CLA630400N1501	10
Antique Gold	AMD43053-AG	2CLA630400N1601	10
Matt Gold	AMD43053-MG	2CLA630400N1701	10
White Glass	AMD43053-WG	2CLA630400N3001	5
Black Glass	AMD43053-BG	2CLA630400N3101	5

Triple rocker & KNX sensor frames



Triple rocker switch/KNX sensors frame 1-gang

Includes metal mounting frame Dimensions 86x86 mm.

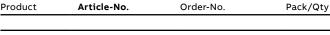
Stainless Steel	AMD5153-ST	2CLA637100N1101	10
Silk Black	AMD5153-SB	2CLA637100N1501	10
Antique Gold	AMD5153-AG	2CLA637100N1601	10
Matt Gold	AMD5153-MG	2CLA637100N1701	10
White Glass	AMD5153-WG	2CLA637100N3001	10
Black Glass	AMD5153-BG	2CLA637100N3101	10



Triple rocker switch/KNX sensors frame 2-gang

Includes metal mounting frame Dimensions 86x147 mm.

Stainless Steel	AMD5253-ST	2CLA667200N1101	10
Silk Black	AMD5253-SB	2CLA667200N1501	10
Antique Gold	AMD5253-AG	2CLA667200N1601	10
Matt Gold	AMD5253-MG	2CLA667200N1701	10
White Glass	AMD5253-WG	2CLA667200N3001	5
Black Glass	AMD5253-BG	2CLA667200N3101	5





Universal socket outlet

AMD5144-XX & AMD5244-XX

Rated voltage/current: 230Vac/13A, 127Vac/15A Child protection Combination with frames

Anthracite	AMD39144-AN	2CLA623900N1801	1
White	AMD39144-WP	2CLA623900N2001	1

USB charger



USB charger 2A, 1-gang - 1M

Input voltage: 110-230V AC ± 10%; 50/60 Hz Input current: <0.2A AC at maximum load Consumption in standby: <10 mW at 230 VAC, without load Nominal output voltage: 5 VDC +5/-5% Output current per plug: 2000mA at 5 V DC Operating temperature: 0°C to 45°C

Energy efficiency: > 79% Overload protection and auto-restart

Combination with frames:
AMD5144-XX & AMD5244-XX

Anthracite	AMD85222-AN	2CLA618520N1801	1
White	AMD85222-WP	2CLA618520N2001	1



USB charger 1.500mA, 2-gang - 2M

"Input voltage: $100 - 240 \text{ Vac} \pm 10\%$; 50/60 Hz. Input current: 0,20 A (with maximum load).

Output voltage: 5 Vdc ±5%.

Output current: 1.500 mA (total for both gangs). Power consuption in stand-by: <= 0,3W@230Vac.

Energy efficiency: >= 71%.

Operating temparature: 0°C to 35°C. Combination with frames: AMD5144-XX & AMD5244-XX

 Anthracite
 AMD85144-AN
 2CLA628500N1801
 1

 White
 AMD85144-WP
 2CLA628500N2001
 1

Voice data & information connectors

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Data outlet RJ45 C 8 pole UTP Combination with AMD5144-XX & AM			•••	Rear: screw termin	nectors (Red / White / Yel	
Anthracite	AMD33322-AN	2CLA611860N1801	10	Anthracite	AMD55322-AN	2CLA615530N1801	1
White	AMD33322-WP	2CLA611860N2001	10	White	AMD55322-WP	2CLA615530N1201	1
	Data outlet RJ45 C 8 pole UTP Combination with AMD5144-XX & AM			0	Mini-Jack connectors Front: 1x Mini-Jack (3,5mm stereo aug Rear: screw termin Combination with	k connector dio jack)	244-XX
Anthracite	AMD33422-AN	2CLA611870N1801	10	Anthracite	AMD55422-AN	2CLA615540N1801	1
White	AMD33422-WP	2CLA611870N2001	10	White	AMD55422-WP	2CLA615540N1201	1
0	TV/SAT terminal o F type isolated dea Combination with	= -	244-XX	0	VGA connection unit Front: 1x VGA connector (DE-15 connector) Rear: screw terminals (15 wires) Combination with frames AMD5144-XX & 5244-XX		244-XX
Anthracite	AMD30322-AN	2CLA615000N1801	10	Anthracite	AMD55522-AN	2CLA615550N1801	1
White	AMD30322-WP	2CLA615000N2001	10	White	AMD55522-WP	2CLA615550N1201	1
•	- DiSEqC	male e coaxial cable g radius i - 2.400 Mhz dB		Anthracite White	Rear: 1x HDMI con 90° angle Combination with AMD55722-AN AMD55722-WP) fitted at 244-XX 5 5
Anthracite	AMD30122-AN	2CLA615070N1801	10			nnector (Type A connecto rminals (20 wires)	r)
White	AMD30122-WP	2CLA615070N2001	10	(1)	Combination with	frames AMD5144-XX & 57	244-XX
	TV/SAT terminal o			Anthracite	AMD55122-AN	2CLA615510N1801	1
SAT	F type isolated dea Combination with	id-end-feeder. frames AMD5144-XX & 52	244-XX	White	AMD55122-WP	2CLA615510N1201	1
					USB connector female USB adaptor. No charger		
Anthracite	AMD30344-AN	2CLA625000N1801	5	1		connector (Type A connec onnector (Type A connect	
White	AMD30344-WP	2CLA625000N2001	5		90º angle	frames AMD5144-XX & 5	•
•	2RCA connection (Anthracite	AMD55922-AN	2CLA615590N1801	1
	Rear: screw termin	ectors (Red / White) als (4 wires)		White	AMD55922-WP	2CLA615590N1201	1
•	Combination with	frames AMD5144-XX & 52	244-XX	100	USB connector w/ USB adaptor. No c		
Anthracite	AMD55222-AN	2CLA615520N1801	1	1		connector (Type A connec	tor)
White	AMD55222-WP	2CLA615520N2001	1	-	Rear: screw termir Combination with	nals (5 wires) frames AMD5144-XX & 57	244-XX
				Anthracite	AMD55822-AN	2CLA615580N1801	1

White

AMD55822-WP

2CLA615580N1201

Dimmers Motion sensor

Product	Article-No.	Order-No.	Pack/Qty
	(Nominal power: 2 Power (min./max) - LEDi: 2 / 100 W/V - Dimmable energ 2 / 100 W/VA (max) - LV LEDi with tran 4 / 100 W/VA (max) - Incandescent lan - Halogen lamps: 1 - LV halogen with 10 / 250 W/VA (max) 2 wire connection Optional: auxiliary Indicator LED lam Back-up fuse: Electory Ambient temperary	O Vac ± 10%. (Nominal power: 250 W/V 00 W/VA). oad): /A (max. 10 lamps). y saving lamps: x. 10 lamps). sformer (only type L or Lo x. 10 lamps). nps: 10 / 250 W/VA. o / 250 W/VA. cransformer (only type L or ax. 10 lamps). y on/off with 2-way switch o included. tronic.	C): or LC): n.
Anthracite	AMD60344-AN	2CLA626030N1801	1
White	AMD60344-WP	2CLA626030N2001	1
		y/push dimmer - 2M	



Rated voltage: 230 Vac; 50 Hz.

Min. power: 60 W / VA.

Max. power:

- Incandescent: 500 W.
- Halogen lamp with electronic transformer: 500 VA.
- Halogen lamp with ferromagnetic transformer: 400

VA.

2 wire connection.

Optional: auxiliary control with push-buttons.

Indicator LED lamp included.

Operating temperature: 0° C to +30° C.

Combination with frames AMD5144-XX & 5244-XX

Anthracite	AMD60244-AN	2CLA626020N1801	1
White	AMD60244-WP	2CLA626020N2001	1



1-10V rotary dimmer - 2M

Rated voltage: 127 - 230 Vac ; 50-60 Hz

Dimmable electronic ballast/driver with 1-10V control input.

Max. power:

- 230 Vac: 700 VA.
- 127 Vac: 350 VA.

Max. 6 ballasts per device.

Indicator LED lamp included.

Combination with frames AMD5144-XX & 5244-XX

Anthracite	AMD60944-AN	2CLA626090N1801	1
White	AMD60944-WP	2CLA626090N2001	
wille	AMD00344-WF	ECLAGE0030NE001	1

Product	Article-No.	Order-No.	Pack/Qty		
		-			
(610.1	110° motion se	nsor - 2M			
1	Rated voltage: 1	127 - 230 Vac ± 10% ; 50	- 60 Hz		
13-	•	mally Open (NO). Potent	tial free		
0	Max. power:				
3 8		1.800W @230Vac / 1.0	_		
	- Halogen with electronic o ferromagnetic transform				
	750VA @230Vac / 400VA @127Vac				
	- Fluorescent la	•			
	_	ac / 200VA @127Vac switching of devices dep	oondont on		
	motion and bri		bendent on		
		selector switch for			
	ON-AUTOMATIC-OFF in the front side.				
	Switch-off dela	y: 10 sec to 10 min or sh	ort-time pulse		
		e (from the front side).	•		
	Detection rang	e: 5 m radious.			
	Adjustable ligh	t set point level for activ	/ation		
	(from the front	side).			
	Detection angle				
	Mounting heigh				
	•	ol with push-buttons			
	Temperature ra	nge (Device): -10 °C to 4	10 °C		

Various

Anthracite

White



Blank insert 1M

AMD41144-AN

AMD41144-WP

Blank insert 1 module

Combination with frames AMD5144-XX & 5244-XX

Combination with frames AMD5144-XX & 5244-XX

2CLA624100N1801

2CLA624100N2001

Anthracite	AMD50422-AN	2CLA610000N1801	10
White	AMD50422-WP	2CLA610000N2001	10



Buzzer - 2M

Rated voltage: 127-230 Vac; 50-60 Hz.

Rated power: 8 VA.

Adjustable tone.

Acoustic power at 1 meter with cover plate: 75 dB. Combination with frames AMD5144-XX & 5244-XX

Anthracite	AMD19144-AN	2CLA621900N1801	5
White	AMD19144-WP	2CLA621900N2001	5



Electronic door bell 230Vac - 2M

Rated voltage: 230 Vac; 50-60 Hz.

4 melodies available.

Acoustic power at 1 meter with cover plate: 72 dB. Combination with frames AMD5144-XX & 5244-XX

Anthracite	AMD24144-AN	2CLA622400N1801	5	
White	AMD24144-WP	2CLA622400N2001	5	
				_

Sound system

Product	Article-No.	Order-No.	Pack/Qty		
	FM stereo receive	r with RDS			
	Rated voltage: 230) Vac ±15% / 50-60 Hz			
	Max. consumption	:100 mA			
8	Stand-by consump	otion with the display illu	mination at		
	minimum:0.2 W				
	Stand-by consump	Stand-by consumption ref. AMD68044-AN +			
	AMD68344-AN936	AMD68344-AN9368: 0.6 W			
	Maximum output _I	Maximum output power: 2+2 W; <1% distorsion (16 W)			
	Speaker Impedance	ce: 16 W (2+2 W audio)			
	Combination with	frames AMD5144-XX & 5	244-XX		
Anthracite	AMD68044-AN	2CLA626800N1801	1		
White	AMD68044-WP	2CLA626800N2001	1		
		,	li .		



Input/output, USB & Bluetooth® module

Power supply through AUX.: 9 V Bluetooth® v2.1 2.4GHz IEEE 802.15.1

Maximum reach from the module to user's Bluetooth® device: 10 m.

Maximum consumption: 175 \sim 200 mA Consumption stand-by: 0.4 W Headphones impedance: 16 \sim 600 Ω (25 + 25 mW audio phones)

Combination with frames AMD5144-XX & 5244-XX

White	AMD68344-WP	2CLA626830N2001	1
Anthracite	AMD68344-AN	2CLA626830N1801	1



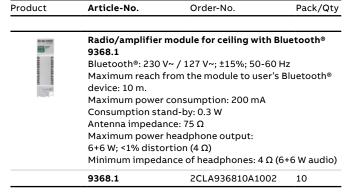
Remote control unit for 9368.1

Power supply: 230 V~ / 127 V~ ; $\pm 15\%$; 50-60 Hz Maximum power consumption ref. 9368.2: 15 mA Stand-by consumption with the display illumination at minimum: 0.5 W

Stand-by consumption ref. AMD68244-AN + AMD68344-AN: 0.9 W

Combination with frames AMD5144-XX & 5244-XX

Anthracite	AMD68244-AN	2CLA626820N1801	1	
White	AMD68244-WP	2CLA626820N2001	1	





Loudspeaker 5"

Installation in flush box ref. 9399 drilling 17mm or embedded ring ref. 9399.1 drilling 160mm. Max. Power: 6W

Max. Power: 6W Impedance: 16Ω

Response frecuency: 70Hz to 10kHz

9329.1 2CLA932910A1001



Flush box for loudspeaker 5"

9399	2CLA939900A1001	12



Embedded ring for loudspeaker 5"

9399.1	2CLA939910A1001	12	
JJJJ.1	LCLASSSSIOAIOOI		



Styling grid for loudspeaker 5"

9399.2 2CLA939920A1001 12

ABB free@home®

Product	Article-No.	Order-No.	Pack/Qty		
destack.	For switching 230				
	With integrated s				
ABB SSACSSON (G)	•	n is available also witho	ut prior		
	programming (pr	• .	frac@bama		
Accordance	Only to be used in combination with ABB-free@hon 1/2-Fold sensor cover plate. 44 mm. × 44 mm. × 45 mm.				
		ally open contact, potent	ial free.		
	•	c. Rated current: 10 A. Ra			
	2300 W.		•		
	Suitable for: capa	citive. Rated current: 10 A	XX.		
	Protection class o	f device: IP 20.			
	Mounting depth: 32 mm.				
	SSA-F-1.1.PB.1	2CKA006220A0232	1		



For dimming 230 V~ loads.

With integrated universal dimming actuator for controlling different lamps.

The dimming function is available also without prior programming (pre-configured).

Only to be used in combination with ABB-free@ home®

1/2-Fold sensor cover plate.

44 mm. × 44 mm. × 45 mm.

Outputs: 1× dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10 – 180 W / VA. Suitable for: LEDi and energy-saving bulbs; typical.

Rated power: 2 – 80 W / VA. Protection class of device: IP 20. Mounting depth: 32 mm.

SDA-F-1.1.PB.1 2CKA006220A0235



For controlling blind and awning motors. With integrated blind actuator.

Blind function is available also without prior programming (pre-configured).

Only to be used in combination with ABB-free@ home®

1/2-Fold sensor cover plate.

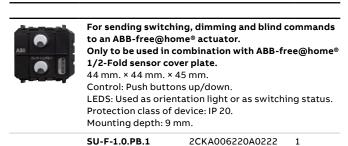
44 mm. × 44 mm. × 45 mm.

Outputs: 1× Change-over contacts/ normally open contact, potential bound. Rated power: 920 VA. Rated current: 4 A.

Suitable for: Operating mode blind. Protection class of device: IP 20.

Mounting depth: 32 mm.

SBA-F-1.1.PB.1 2CKA006220A0237



Article-No.



Product

1/2-Fold sensor cover plate

Cover plate ABB-free@ home® 1/2-Fold sensor for the SSA-F-1.1.PB.1, SDAF-1.1.PB.1, SBA-F-1.1.PB.1 and SU-F-1.0.PB.1 sensors.

Order-No.

Pack/Qty

Combination with frames AMD5144-XX & AMD5244-XX

Anthracite	SR-2-AMAN	2CLA622620N1801	5
White	SR-2-AMWP	2CLA622620N2001	5



For switching 230 V~ consumers.

With one integrated switch actuator. Switching function is available also without prior programming (pre-configured).

Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.

44 mm. × 44 mm. ×45 mm.

Outputs: $1\times$ normally open contact, potential free. Suitable for: ohmic. Rated current: 10~A. Rated power: 2300~W.

Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 32 mm.

SSA-F-2.1.PB.1 2CKA006220A0233 1



For switching 230 V~ consumers.

With two integrated switch actuators.

Switching function is available also without prior programming (pre-configured).

Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.

44 mm. × 44 mm. × 45 mm.

Outputs: 2× normally open contact, potential free. Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W.

Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20.

Mounting depth: 32 mm.

SSA-F-2.2.PB.1 2CKA006220A0234

ABB free@home®

Product	Article-No.	Order-No.	Pack/Qty



For dimming 230 V~ loads.

With integrated universal dimming actuator for controlling different lamps.

The dimming function is available also without prior programming (pre-configured).

Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.

44 mm. × 44 mm. × 45 mm. Outputs: 1× dimming channel.

Suitable for: 230 V incandescent lamps and low-voltage

halogen lamps

with conventional transformers or electronic

transformers.

Rated power: 10 - 180 W / VA.

Suitable for: LEDi and energy-saving bulbs; typical.

Rated power: 2 – 80 W / VA Protection class of device: IP 20. Mounting depth: 32 mm.

SDA-F-2.1.PB.1 2CKA006220A0236 1



For controlling blind and awning motors.

With integrated blind actuator.

Blind function is available also without prior programming (pre-configured).

Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.

44 mm. × 44 mm. × 45 mm.

Outputs: 1× Change-over contacts/ normally open contact, potentialbound. Rated power: 920 VA. Rated

current: 4 A.

Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 32 mm.

SBA-F-2.1.PB.1 2CKA006220A0238



For sending switching, dimming and blind commands to an ABB-free@home® actuator.

Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.

44 mm. × 44 mm. × 45 mm.

Control: Push buttons up/down.

LEDS: Used as orientation light or as switching status.

Protection class of device: IP 20.

Mounting depth: 9 mm.

SU-F-2.0.PB.1 2CKA006220A0223 1



2/4-Fold sensor cover plate

Cover plate ABB-free@home® 2/4-Fold sensor for the SSA-F-2.1.PB.1, SSA-F-2.2.PB.1, SDA-F-2.1.PB.1, SBA-F-2.1.PB.1 and SU-F-2.0.PB.1sensors.
Combination with frames AMD5144-XX & AMD5244-XX

Anthracite	SR-4-AMAN	2CLA622640N1801	5
White	SR-4-AMWP	2CLA622640N2001	5





For controlling the room temperature with thermostat fuctions. Control of conventional actuators or analog actuator (constant regulation) with the HA-M-0.6.1 and HA-M-0.12.1 actuators. With NOMINAL temperature indication. Only to be used in combination with ABB-free@home® room temperature controller cover plate.

44 mm. × 44 mm. × 45 mm.

Visualization: LCD status mode indicator.

Protection class of device: IP 20. Mounting depth: 14 mm.

RTC-F-1.PB 2CKA006220A0276 1



Room temperature controller cover plate.

Cover plate ABB-free@home® for RTC-F-1.PB

Anthracite	CP-RTC-AMAN	2CLA624060N1801	5
White	CP-RTC-AMWP	2CLA624060N2001	5



Watchdog sensor 180° with lens for the detection of animals. For the automatic switching of the ABB-free@home® actuators.

Only to be used in combination with ABB-free@home® Watchdog 180° flush mounted cover plate.

44 mm. × 44 mm. × 45 mm.

Detection range: 6m front, 3m lateral.

Angle: 180°.

Brightness range: 1-500 Lux. Protection class of device: IP 20.

Mounting depth: 9 mm.

MSA-F-1.1.PB.1 2CKA006220A0231 1



Watchdog sensor 180 cover plate.

Cover plate ABB-free@home® for Watchdog sensor MSA-F-1.1.PB.1.

Combination with frames AMD5144-XX & AMD5244-XX.

Anthracite	CP-MD-AMAN	2CLA624160N1801	5	
White	CP-MD-AMWP	2CLA624160N2001	5	



Light symbol button ABB-free@home® Blind symbol button ABB-free@home® Scene symbol button ABB-free@home® Dimmer symbol button ABB-free@home®

Light symbol F@H	SBL-AMAN	2CLA602610N1801	20
Blind symbol F@H	SBB-AMAN	2CLA602620N1801	20
Scene symbol F@H	SBS-AMAN	2CLA602630N1801	20
Dimmer symbol F@H	SBD-AMAN	2CLA602640N1801	20

Half/double rocker & other functions frames

Product	Article-No.	Order-No.	Pack/Qty		
ASS	Half/double rocker & other functions frame 1-gang Includes metal mounting frame Dimensions 86 x 86 mm.				
Stainless Steel	AMD5144-ST	2CLA627100N1101	10		
Silk Black	AMD5144-SB	2CLA627100N1501	10		
Antique Gold	AMD5144-AG	2CLA627100N1601	10		
Matt Gold	AMD5144-MG	2CLA627100N1701	10		
White Glass	AMD5144-WG	2CLA627100N3001	10		
	AMD5144-BG	2CLA627100N3101	10		



Premium/half/double rocker switch frame 2-gang Includes metal mounting frame Dimensions 86 x 147 mm.

MD5244-SB	2CLA647200N1501	10
		10
MD5244-AG	2CLA647200N1601	10
MD5244-MG	2CLA647200N1701	10
MD5244-WG	2CLA647200N3001	5
MD5244_BG	2CLA647200N3101	5
	MD5244-MG MD5244-WG MD5244-BG	MD5244-WG 2CLA647200N3001



Premium/half/double rocker switch frame 3-gang Includes metal mounting frame Dimensions 86 x 228 mm.

Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2

Premium/half/double rocker switch frame 4-gang Includes metal mounting frame Dimensions 86 x 293 mm.

Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2

Millenium - Grid system for combination (AMD)

KNX system

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
Anthracite	sequence actuator, l Control element: Sw Display elements: LE Protection class (De Temperature range (Dimensions: (L x W x AMD72053-AN (6125/20-981-500)	itch contacts. D to indicate the function			Detection range: fro Detection angle: 180 Brightness limit valu Mounting height: 1.1 Protection class (De	ith up to four channels. ntal: 6 m., lateral: 6 m. o°. ie: 5 Lux - 150 Lux. m. vice): IP 20. Device): -5 °C to 45 °C. D): 53 mm x 44 mm	
White	AMD72053-WP (6125/20-214-500)	2CKA006115A0500	1	Anthracite	(6122/20-981-500)	2CKA006132A0306	1
				White	AMD70153-WP (6122/20-214-500)	2CKA006132A0424	1
0 0	sequence actuator, l Control element: Sw Display elements: LE Protection class (De Temperature range (itch contacts. D to indicate the function	on.		Control element with triggering the heating actuators. The controller is a thand 4-pipe systems	eating/cooling fan coil n room thermostat func ng, ventilation and fan-c ermostat for fan coil un and conventional heatir	ition for coil lits in 2 -
Anthracite	AMD74053-AN (6126/20-981-500)	2CKA006116A0218	1		cooling systems. The fan stage can be mode.	switched manually or i	n automatic
White	AMD74053-WP (6126/20-214-500)	2CKA006115A0501	1		Incl. 10 logic channe actuator, logic gates	ls (light scene actuator, , etc.). operating mode selection	•
•••	6-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function.		on.		for setpoint or fan s Display elements: LC Protection class (De Temperature range (Dimensions: (L x W x	peed adjustment. D showing operation m	
		vice): IP 20. Device): -5 °C to 45 °C. D): 53 mm. x 44 mm.		Anthracite	AMD70053-AN (6124/08-981-500) AMD70053-WP	2CKA006134A0309	1
Anthracite	AMD76053-AN (6129/20-981-500)	2CKA006118A0104	1	White	(6124/08-214-500)	2CKA006134A0354	1
White	AMD76053-WP (6129/20-214-500)	2CKA006115A0502	1	O	Ceiling light symbol Blind symbol Scene symbol		
000	sequence actuator, l Control element: Sw	s (light scene actuator, ogic gates, etc.). itch contacts. D to indicate the functio	on.		Temperature symbol Light symbol Fan coil symbol Labelling insert for N	l Millenium control covers g, 3 / 6-gang and 3 / 6-	
	Temperature range (Device): -5 °C to 45 °C. D): 53 mm. x 44 mm.			AM50701-GR (6123/20-500)	2CKA006123A0001	10
Anthracite	AMD76153-AN (6129/21-981-500)	2CKA006118A0107	1		AM50702-GR (6123/21-500)	2CKA006123A0002	10
White	AMD76153-WP (6129/21-214-500)	2CKA006134A0355	1		AM50703-GR (6123/22-500)	2CKA006123A0003	10
					AM50704-GR (6123/23-500)	2CKA006123A0004	10
					AM50705-GR (6123/24-500)	2CKA006123A0005	10
					AM50706-GR (6123/26-500)	2CKA006123A0006	10

Triple rocker & KNX sensor frames

AMD5053

2CLA627190N1001

Access control KNX

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Triple rocker swit Includes metal mo Dimensions 86 x 8	_	gang	õ	completely integ 2) 1 binary input 3) 1 output 4A (2	ol transponder reader ab grated into every KNX ins for connecting cardhold	stallation.
Stainless Steel	AMD5153-ST	2CLA637100N1101	10		(1032 V DC/12	24 V AC) :h frames AMD5144-XX 8	0 AMDE244 VV
Silk Black	AMD5153-SB	2CLA637100N1501	10				
Antique Gold	AMD5153-AG	2CLA637100N1601	10		TR/U 1.1	2CSY235683R200	01 1
Matt Gold	AMD5153-MG	2CLA637100N1701	10				
White Glass	AMD5153-WG	2CLA637100N3001	10		Mifare transpon	der holder ransponder holder able i	to he
Black Glass	AMD5153-BG	2CLA637100N3101	10		completely	ransportaer notaer able	
	Triple rocker swit Includes metal mo Dimensions 86 x 1	9	gang		2) 1 output 4A (2 Required addition	(ON/OFF, dimmer, shut: 4 V AC/DC) anal power supply (122 th frames AMD5144-XX & 2CSY265232R202	24 V AC/DC) & AMD5244-XX
Stainless Steel	AMD5253-ST	2CLA667200N1101	10		Set of 10 transp	onder cards	
Silk Black	AMD5253-SB	2CLA667200N1501	10	6	•	card uses passive trans	•
Antique Gold	AMD5253-AG	2CLA667200N1601	10	(, 1)		ating in radio frequency hout the need for contac	•
Matt Gold	AMD5253-MG	2CLA667200N1701	10	A11	reader and the ca		
White Glass	AMD5253-WG	2CLA667200N3001	5		·	card is read by swiping aximum distance of 20	
Black Glass	AMD5253-BG	2CLA667200N3101	5			ng to installation enviro	•
					TS/T 1	2CSY259412R204	1 1
Special m	netal mour	nting plate for I	ΚΝΧ	9 7 2	Control system. Main functionali state monitoring Guest check in/o monitoring, man	nd supervision software ties are: management of	f keys, room Im load Imployee
		plate KNX sensors 1G					

Half/double rocker & other functions frames

Product	Article-No.	Order-No.	Pack/Qty
AN	Half/double rocke Includes metal mo Dimensions 86 x 8	_	e 1-gang
Stainless Steel	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10
Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5
	Premium/half/do Includes metal mo Dimensions 86 x 2	9	3-gang
Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5

	Premium/half/double rocker switch frame 4-gar				
Diack Glass	AMD3344-BG	202701010101			
Black Glass	AMD5344-BG	2CLA667310N3101	2		
White Glass	AMD5344-WG	2CLA667310N3001	2		
Matt Gold	AMD5344-MG	2CLA667310N1701	5		

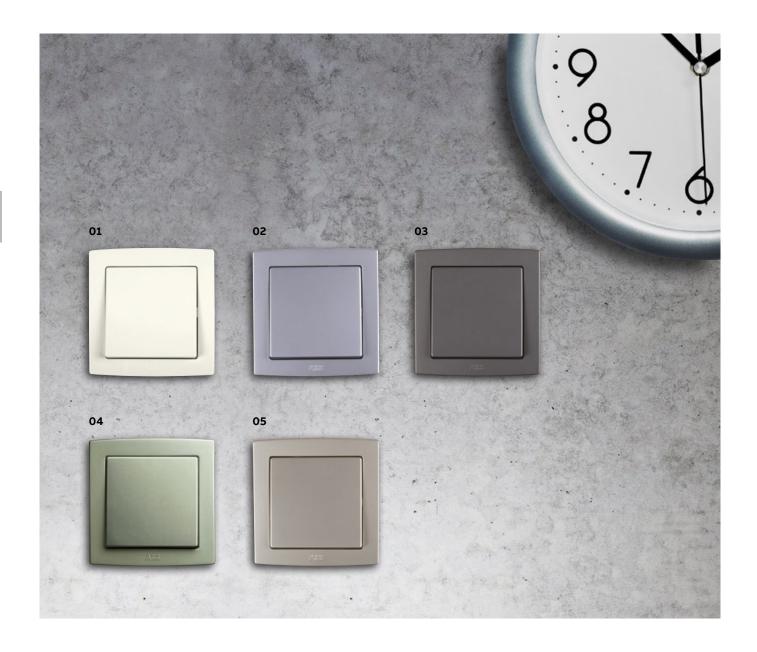
Includes metal mounting frame

Dimensions 86 x 293 mm.

Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2

Naturally aestetics.

Nature rarely presents us with straight lines and the Concept bs range of switches reflects this. Rather than rigidly sticking to squares, it steps outside the box to add some subtle curves to your interior design.



01 white

rhite 04 silver champagne liver 05 pearl gold

02 silver

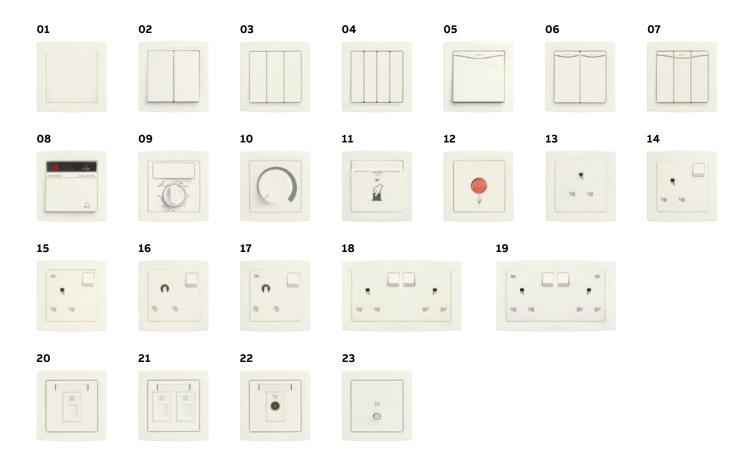
03 elegant grey

Materials

High quality polycarbonate with improved flame-retardant

characteristics and colour stability.

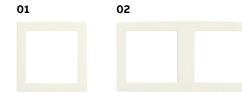
Selected functions.



- 01 Rocker switch 1-gang
- 02 Rocker switch 2-gang
- 03 Rocker switch 3-gang
- 04 Rocker switch 4-gang
- 05 Rocker switch 1-gang with LED
- 06 Rocker switch 2-gang with LED
- 07 Rocker switch 3-gang with LED
- 08 DND/PW/MUR push switch
- 09 1-gang 1-way countdown time switch
- 10 Rotary dimmer
- 11 Card switch

- 12 Emergency switch
- 13 BS socket outlet
- 14 BS switched socket outlet
- 15 BS switched socket outlet with neon
- 16 BS round pin switched socket outlet
- 17 BS round pin switched socket outlet with neon
- 18 2-gang BS switched socket outlet
- 19 2-gang BS switched socket outlet with neon
- 20 1-gang telephone socket outlet

- 21 2-gang telephone and computer socket outlet
- 22 TV socket outlet, dead-end feeder
- 23 Sat socket outlet, isolated



1- to 5-gang cover frame for horizontal installation.

- 01 88 mm × 90 mm
- 02 175 mm × 90 mm
- High quality polycarbonate material with improved flame-retardant characteristics,
- practical light switch range includes electronics,
- hospitality solutions,
- compatible with KNX and ABB wiring accessories.



LED indicator light makes switches even more attractive.



For more information about light switch ranges visit ABB global web sites.

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	1-gang 1-way switcl Rated current: 10AX				1-gang 1-way pu Rated current: 10		
White	AC101		15	White	AC430		15
	1-gang 2-way switcl Rated current: 10AX				1-gang 2-way do Rated current: 20	ouble pole switch	
White	AC105		15	White	AC196		15
	Intermediate switch Rated current: 10AX			O State State	Fan isolator 3 po Rated current: 10		
White	AC119		15	White	AC134		15
	1-gang 1-way switcl Rated current: 20AX				2-gang 1-way sw Rated current: 10		
White	AC110		15	White	AC102		15
	1-gang 2-way switcl Rated current: 20AX				2-gang 2-way sw Rated current: 10		
White	AC112		15	White	AC106		15
	1-gang 1-way doubl Rated current: 20AX		n marking "On"		2-gang 1-way sw Rated current: 20		
White	AC111	,	15	White	AC114		15

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	2-gang 2-way sw Rated current: 20				3-gang 2-way sw Rated current: 16		
White	AC115		15	White	AC121		15
	2-gang 1-way do Rated current: 20	uble pole switch, with	n marking "On"		4-gang 1-way sw Rated current: 10		
White	AC113	,	15	White	AC104		15
	2-gang 1-way pu Rated current: 10				4-gang 2-way sw Rated current: 10		
White	AC438		15	White	AC108		15
	3-gang 1-way sw Rated current: 10				4-gang 1-way sw Rated current: 16		
White	AC103		15	White	AC117		15
	3-gang 2-way sw Rated current: 10				3-gang 1-way sw Rated current: 10		
White	AC107		15	White	AC128		8
	3-gang 1-way sw Rated current: 16	itch AX			3-gang 2-way sw Rated current: 10		
White	AC116		15	White	AC190		8

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
		,				,	
	3-gang 1-way switch (146 type) Rated current: 20AX				1-gang 2-way switch with LED/decorative line Rated current: 10AX		
White	AC192		8	White	AC164		15
	3-gang 2-way switch (146 type) Rated current: 20AX				1-gang 1-way switch with LED/decorative line Rated current: 20AX		
White	AC194		8	White	AC170		15
	4-gang 1-way swi Rated current: 10A				1-gang 2-way sw Rated current: 20	ritch with LED/decora AX	tive line
White	AC129		8	White	AC172		15
	4-gang 2-way switch (146 type) Rated current: 10AX			1-gang 1-way double pole switch with LED/decorat line and marking "On" Rated current: 20AX			
White	AC191		8	White	AC171		15
	4-gang 1-way switch (146 type) Rated current: 20AX		water hauter	1 gang 1 way double pole switch with LED/decorati line and marking "On" and "water heater" Rated current: 20AX			
White	AC193		8	White	AC171WH		15
	4-gang 2-way swi Rated current: 20A				2-gang 1-way sw Rated current: 10	ritch with LED/decora AX	tive line
White	AC195		8	White	AC162		15
	1-gang 1-way swit Rated current: 10A	tch with LED/decora XX	ative line				
White	AC161		15				

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty	
	2-gang 2-way switch with LED/decorative line Rated current: 10AX					3-gang 2-way switch with LED/decorative line Rated current: 16AX		
White	AC165		15	White	AC175		15	
	2-gang 1-way sw Rated current: 20	ritch with LED/decora DAX	tive line		1 gang 1 way do Rated current: 32	uble pole switch with I PA	LED	
White	AC173		15	White	AC176		8	
	2-gang 2-way sw Rated current: 20	vitch with LED/decora DAX	tive line		1 gang 1 way do Rated current: 45	uble pole switch with I 5A	LED	
White	AC174		15	White	AC177		10	
	2-gang 1-way do line and marking Rated current: 20		LED/decorative		45A double pole socket outlet wi Rated current: 45		13A switched	
White	AC178		15	White	AC118		5	
	3-gang 1-way switch with LED/decorative line Rated current: 10AX				1-gang 1-way double pole switch, with marking "On", with flex outlet Rated current: 20AX			
White	AC163		15	White	AC120		10	
	3-gang 2-way switch with LED/decorative line Rated current: 10AX			0	"water heater",	1-gang 1-way double pole switch, with marking "On" "water heater", with flex outlet Rated current: 20AX		
	AC166		15	White	AC120WH		10	

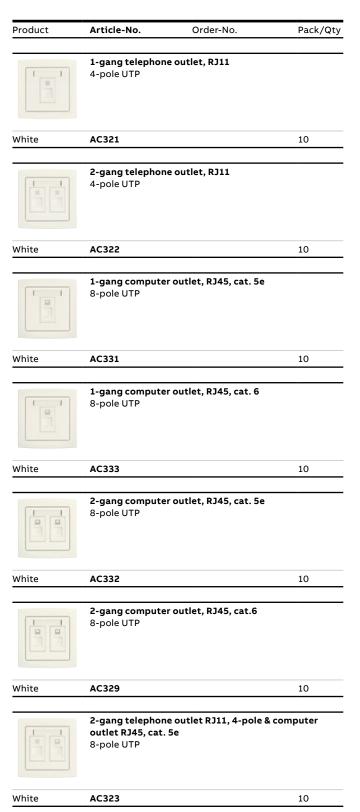
Socket outlets

Product	Article-No.	rder-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	BS socket outlet				BS round pin socke	et outlet	
	Rated current: 13A			0	Rated current: 5A		
10 10							
White	AC208		15	White	AC210		15
	BS single pole switched Rated current: 13A	socket outlet			Schuko socket Rated current: 16A		
	Rated current. 13A				Nated Current. 10A		
White	AC224		15	White	AC296		10
	BS double pole switche	d socket outlet			Schuko socket wit	hout child protectio	n
	Rated current: 13A				Rated current: 16A		
				16.4.9			
10 10							
White	AC237		15	White	AC296-001		10
				<u> </u>			
	BS single pole switched	socket outlet with	neon		2-gang BS single p	ole switched socket	outlet
-	Rated current: 13A				Rated current: 13A		
				,			
* *				4 4 4 4			
White	AC229		15	White	AC227		8
	BS double pole switche	d socket outlet wit	h neon	'	2-gang BS double	pole switched socke	t outlet
-	Rated current: 13A				Rated current: 13A		
				,			
4 4							
14 14							
White	AC238		15	White	AC239		8
White		o puite chool o z alian		White		olo switch odle	,
White	BS single pole round pir	n switched socket c		White	2-gang BS single p	ole switched socket	,
White		n switched socket c		White	2-gang BS single p		
White	BS single pole round pir	n switched socket c		White	2-gang BS single p		
White	BS single pole round pir	n switched socket c		White	2-gang BS single p		
0	BS single pole round pin Rated current: 15A	n switched socket c	outlet		2-gang BS single p neon Rated current: 13A		outlet with
0	BS single pole round pir	n switched socket c		White	2-gang BS single p		
0	BS single pole round pir Rated current: 15A		putlet		2-gang BS single p neon Rated current: 13A AC230		outlet with
White White	BS single pole round pir Rated current: 15A AC209 BS single pole round pi		putlet		2-gang BS single p neon Rated current: 13A AC230		outlet with
0	BS single pole round pir Rated current: 15A		putlet		2-gang BS single p neon Rated current: 13A AC230	pole switched socke	outlet with
0	BS single pole round pin Rated current: 15A AC209 BS single pole round pineon		putlet		2-gang BS single p neon Rated current: 13A AC230 2-gang BS double neon	pole switched socke	outlet with
0	BS single pole round pin Rated current: 15A AC209 BS single pole round pineon		putlet		2-gang BS single p neon Rated current: 13A AC230 2-gang BS double neon	pole switched socke	outlet with
0	BS single pole round pin Rated current: 15A AC209 BS single pole round pineon		putlet		2-gang BS single p neon Rated current: 13A AC230 2-gang BS double neon	pole switched socke	outlet with

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
4 1	2-gang Euro-Am Rated current: 10	erican socket outlet A	
White	AC212		10
	2-gang Euro-Am	erican switched sock	et outlet
4 » [] 4 »	Rated current: 10		eroutier
White			10
White	Rated current: 10	OA erican switched sock	10

Data outlets



Data outlets

Dungdoort	Austral - N -	Ond N -	D1- (O)	Dundered	Aust-1- N	011	D1 (0:
Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	2-gang telephone outlet RJ45, cat. 6 8-pole UTP	outlet RJ11, 4-pole &	computer	77 2	TV & telephone o	outlet	
White	AC330		10	White	AC324		10
1 N	1-gang TV outlet dead-end feeder			• •	Audio outlet 2 terminals		
White	AC301		10	White	AC341		10
() () () () () () () () () ()	1-gang TV outlet loop-through, isol	ated		••	Audio outlet 4 terminals		
White	AC304		10	White	AC342		10
White	Sat outlet F-type dead-end-f	eeder, isolated	10				
write	AC303		10				
π Θ	TV outlet connect F-type	or					
White	AC307		10				
TV 74	TV & FM outlet F-type dead-end-f	eeder, isolated					
White	AC312		10				
	2-gang TV outlet twin isolated, loop	o-through, isolated					
White	AC302		10				

White

AC402

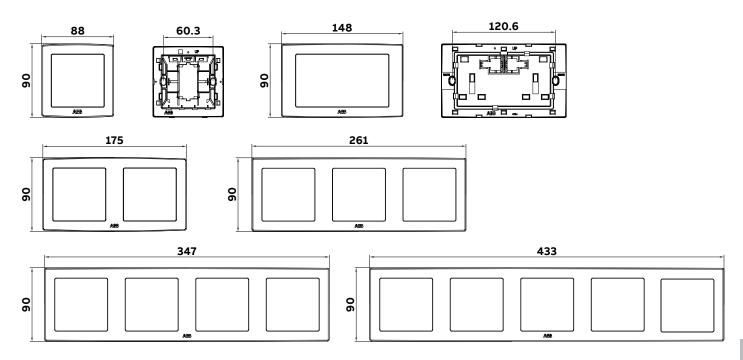
Function control switches

Product	Article-No. Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	Rotary dimmer Power: 25W-600W Lighting: ☆, □□∞ Short circuit protection Ambience temperature: -5-+40°C Base in box: 31.3mm			Bell push-switch indicator Rated current: 10	"Do Not Disturb" ma l	rking and
White	AC412	8	White	AC403-001		12
· .	Volume control switch 5-15W, (0-100)V~ With fire alarm terminal		<u> </u>	Bell push-switch Room" marking a Rated current: 10		Please Clean
White	AC416	8	White	AC403-002		12
0	Countdown timer & 1-gang 1-way co 10AX, 250V~ Time setting: 10-120min Two seperate switching contacts	mbination switch	general relative values	•	"Do Not Disturb", & " Wait" marking and ind A	
White	AC411	10	White	AC403		12
	Emergency switch 6A, 230V~ Sending alarm signal manually, using	key to release	SHAVERS CHLY	Shaver socket ou Input: 230V~, 50H Output: 115V/230	lz/60Hz	
White	AC419	10	200-			
400	4 step rotary switch 300W, 230V~ With high, mid, low fan speed selection	on	White	AC401		1
White	AC413	8	Sentence Co.	Shaver socket ou Input: 230V~, 50H Output: 115V/230	lz/60Hz	
	Fan Controller 500VA, 250V~, 50Hz		White	AC401-001		1
White	AC422	8		Push switch with Rated current: 10	_	
	Card switch Rated current: 20A		White	AC429		15

FCU and Flex Outlets/Accessories

Product	Article-No. Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	1-gang blank plate			1-gang frame Cor	cept bs	
White	AC504	20	White	AC5101		60
			Chrome	AC5101-C		60
	2-gang blank plate			2-gang frame Cor for dual gang box (screw hole distan	-	
White	AC505	10				
			White	AC5201		30
The same	1-gang adapter plate for Busch-Jaeger solo / future / carat / pure series		Chrome	AC5201-C		30
1	(64mm × 64mm)			3-gang frame Cor (screw hole distan		
White	AC503	20				
	Fused connection unit		White	AC5103		30
5	Rated current: 13A		Chrome	AC5103-C		30
0				4-gang frame Cor (screw hole distan		
White	AC506	10				
	Fused connection unit with neon Rated current: 13A					
			White	AC5104		30
			Chrome	AC5104-C		30
White	AC577	10		5-gang frame Cor (screw hole distan		
	Switched fused connection unit with neon Rated current: 13A					
0			White	AC5105		1
			Chrome	AC5105-C		1

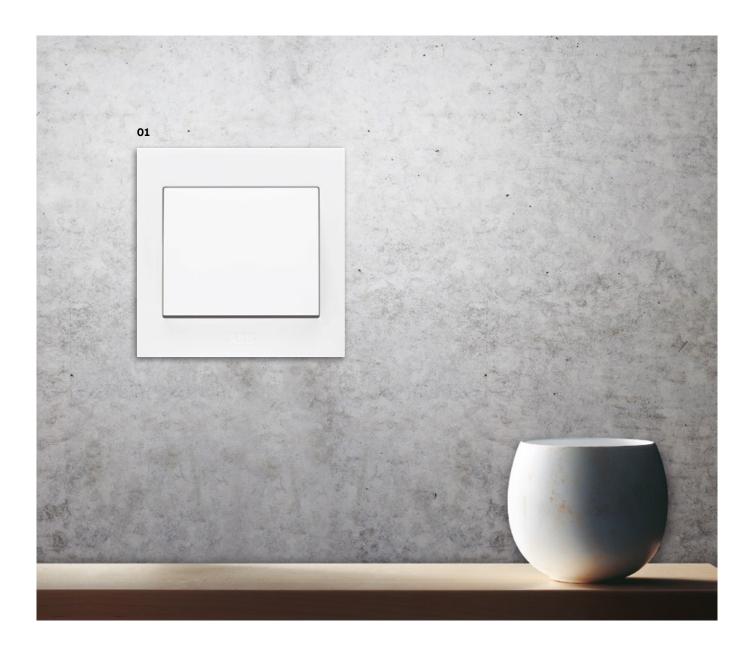
Dimensions of Concept bs



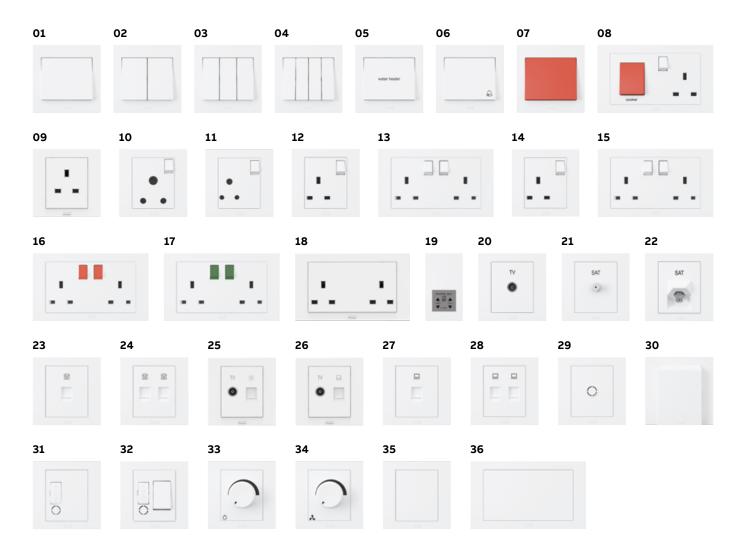
Unit: mm

Attraction in simplicity.

Elegance lies in simplicity and purity. Kalo is a proof of it. Its pleasant slim design in angelic white, perfectly complements any interior. The blue LED backlight illuminates switches and socket outlets in the dark. When you need to switch on and plug in your appliances, Kalo makes it easy.

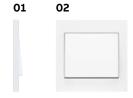


Selected functions.



- 01 1-gang 1-way Switch
- 02 2-gang 1-way Switch
- 03 3-gang 1-way Switch
- 04 4-gang 1-way Switch
- 05 1-gang 1-Way 20 AX DP Switch lluminated - Marked Water Heater
- 06 1-gang 1-Way Push Switch Marked Bell
- 07 1-gang 1- Way 45 A DP Switch
- 08 Cooker Control Unit
- 09 1 gang 13 A Unswitched Socket SP
- 10 1-gang 15 A Switch Socket SP or DP Illuminated
- 11 1-gang 5 A Switch Socket SP or DP
- 12 1-gang 13 A Switch Socket SP or DP
- 13 2-gang 13 A Switch Socket SP or DP
- 14 1-gang 13 A Switch Socket SP or DP Illuminated
- 15 2-gang 13 A Switch Socket SP or DP Illuminated
- 16 2-gang 13 A Switch Socket SP with red rocker Illuminated
- 17 2-gang 13 A Switch Socket SP with green rocker Illuminated

- 18 2 Gang 13 A Unswitched Socket SP
- 19 Shaver Socket
- 20 1-gang TV Outlet
- 21 1-gang SAT Outlet
- 22 1-gang SAT Outlet 45 degree
- 23 1-gang Telephone Outlet
- 24 2-gang Telephone Outlet
- 25 2 Gang TV / Telephone Outlet
- 26 2 Gang TV / Data Outlet
- 27 1-gang Data Outlet Cat.5e or Cat.6
- 28 2-gang Data Outlet Cat.5e or Cat.6
- 29 Flex Outlet
- 30 Flex Outlet 45 A
- 31 Fused connection Unit Unswitched with Flex Outlet
- 32 Fused Connection Unit Switched with Flex Outlet Illuminated
- 33 1-gang Rotary Dimmer
- 34 Fan Regulator
- 35 1-gang Blank Plate
- 36 2-gang Blank Plate



- 01 Side view, 7 x 86 mm02 1-gang 1-way Switch,
- 86 x 86 mm



For more information about light switch ranges visit ABB global web sites.

Switches

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	1-gang 1-way sw Rated current: 10 Flush-mounted b				4-gang 2-way sw Rated current: 10 Flush-mounted b		
White	BH101	2TCZ091001R0030	10	White	BH108	2TCZ091008R0030	10
	2-gang 1-way sw Rated current: 10 Flush-mounted b				1-gang 1-way 20 Rated current: 20 Flush-mounted b		
White	BH102	2TCZ091003R0030	10	White	BH110	2TCZ091095R0070	10
	3-gang 1-way sw Rated current: 10 Flush-mounted b				1-gang 1-way 20 AX DP switch Illuminated Rated current: 20 AX Flush-mounted box dimension: 35 mm		
White	BH103	2TCZ091005R0030	10	White	BH111	2TCZ091096R0070	10
	4-gang 1-way sw Rated current: 10 Flush-mounted b				1-gang 2-way 20 Rated current: 20 Flush-mounted b		
White	BH104	2TCZ091007R0030	10	White	BH112	2TCZ091097R0070	10
	1-gang 2-way sw Rated current: 10 Flush-mounted b			135	Rated current: 20	AX DP switch w/mark "On" DAX DOX dimension: 35 mm	•
White	BH105	2TCZ091002R0030	10	White	BH113	2TCZ091018R0070	10
	2-gang 2-way sw Rated current: 10 Flush-mounted b			(10)	2-gang 1-way 20 AX switch Rated current: 20 AX Flush-mounted box dimension: 35 mm		
White	BH106	2TCZ091004R0030	10	White	BH114	2TCZ091016R0070	10
	3-gang 2-way sw Rated current: 10 Flush-mounted b			11.5	2-gang 2-way 20 Rated current: 20 Flush-mounted b		

— Kalo

Switches

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
	1-gang intermed Rated current: 10 Flush-mounted b		•		1-gang 13 A uns Rated current: 1: Flush-mounted b		
White	BH119	2TCZ091009R0030	10	White	BH208	2TCZ092014R0040	10
water haster	water heater Rated current: 20	O AX DP switch illuminated of AX oox dimension: 35 mm	- marked	•	1-gang 15 A swi Rated current: 1! Flush-mounted I		
White	BH171WH	2TCZ091012R0075	10	White	ВН209	2TCZ092012R0050	8
۵	Rated current: 10	ush switch – marked bell 0 A Doox dimension: 35 mm		•	Rated current: 1	tch socket SP – illuminated 5 A pox dimension: 35 mm	
White	BH429	2TCZ091011R0030	10	White	BH231	2TCZ092092R0050	8
	1-gang 1-way pu Rated current: 10 Flush-mounted b			•	Rated current: 1	tch socket DP – illuminated 5 A pox dimension: 35 mm	
White	ВН430	2TCZ091010R0030	10	White	BH232	2TCZ092093R0050	8
	1-gang 1-way 32 Rated current: 37 Flush-mounted b				1-gang 5 A switc Rated current: 5 Flush-mounted b		
White	BH176	2TCZ091013R0090	6	White	BH220	2TCZ092090R0020	10
	1-gang 1-way 45 Rated current: 4! Flush-mounted b				1-gang 5 A switch socket DP Rated current: 5 A Flush-mounted box dimension: 35 mm		
White	BH177	2TCZ091014R0090	6	White	BH221	2TCZ092090R0020	10
	Rated current: 45	5 A DP switch – illuminated 5 A Doox dimension: 47 mm			1-gang 13 A swi Rated current: 1: Flush-mounted b		
White	BH179	2TCZ091098R0090	6	White	BH224	2TCZ092001R0040	10
					1-gang 13 A swir Rated current: 1 Flush-mounted b		

White

BH237

2TCZ092095R0040

10

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
		switched socket SP				tch socket DP – illuminated	
	Rated current: 1	3 A box dimension: 35 mm			Rated current: 1	3 A box dimension: 35 mm	
	riusii-iiiouiiteu	box dimension: 55 min		•	riusii-iiiouiiteu i	box difficusion: 33 min	
- AV							
White	BH260	2TCZ092015R0040	6	White	BH238	2TCZ092096R0040	10
	2-gang 13 A swi	itch socket SP			2-gang 13 A swi	tch socket SP – illuminated	
30	Rated current: 1			30	Rated current: 1		
1.75	Flush-mounted	box dimension: 35 mm			Flush-mounted l	box dimension: 35 mm	
White	BH227	2TCZ092010R0040	6	White	BH230	2TCZ092011R0040	6
Willie	DITEL!	L1C203L010R0040		Willie	BITESO	ETC2032011R0040	
	2-gang 13 A c	itch socket DD			Shaver socket		
	2-gang 13 A swi Rated current: 1				Input: 230V, 50H	4z /60 Hz	
10		box dimension: 35 mm			Outlet: 115V/23		
					Flush-mounted l	box dimension: 47 mm	
				DANGES ONLY			
White	BH239	2TCZ092097R0040	6	7.7			
		itch socket DP – illuminated					
30	Rated current: 1			White	BH401	2TCZ094002R0010	1
	Flush-mounted	box dimension: 35 mm		-			-
				-	Cooker control	unit	-
					Rated current: 4		
White	BH240	2TCZ092098R0040	6	_ D		box dimension: 47 mm	
	2-gang 13 A swi	itch socket SP with red rock	er –				
	illuminated						
1	Rated current: 1			White	BH118	2TCZ091015R0090	6
	Flush-mounted	box dimension: 35 mm					
		07670000480040					
White	BH236	2TCZ092094R0040	6				
		itch socket SP with green ro	cker –				
. 11	illuminated Rated current: 1	3 Д					
		box dimension: 35 mm					
White	BH241	2TCZ092099R0040	6				
		itch socket SP – illuminated					
	Rated current: 1						
	Flush-mounted	box dimension: 35 mm					
White	BH229	2TCZ092002R0040	5				
		=:=====================================					

Communication outlets

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Qty
TV •	1-gang TV outle End of line Flush-mounted	box dimension: 35 mm		TV S	2-gang TV/ tele 5-1000 MHz, RJ1 Flush-mounted b		
White	вн301	2TCZ093001R0010	10	White	BH324	2TCZ093010R0010	8
TV •	1-gang TV outle Loop-through Flush-mounted	box dimension: 35 mm		TV D	Florida de constant la lacondida de cidade de Caracida		
White	ВН304	2TCZ093003R0010	10	White	BH325	2TCZ093016R0010	8
SAT	1-gang Sat outl F - type Flush-mounted	et box dimension: 35 mm			EL 1		
White	ВН307	2TCZ093004R0010	10	White	BH331	2TCZ093007R0010	10
SAT	1-gang Sat outl F - type Flush-mounted	et – 45 degree box dimension: 35 mm			2-gang data out RJ45 Cat. 5e Flush-mounted b	let Cat.5e pox dimension: 35 mm	
White	вн308	2TCZ093099R0010	10	White	ВН332	2TCZ093013R0010	8
2	1-gang telepho RJ11 Flush-mounted	ne outlet box dimension: 35 mm			Florida and a state of the stat		
White	BH321	2TCZ093006R0010	10	White	ВН333	2TCZ093008R0010	10
8 8	2-gang telepho RJ11 Cat.3 Flush-mounted	ne outlet box dimension: 35 mm			2-gang data out RJ45 Cat. 6 Flush-mounted b	let Cat.6 pox dimension: 35 mm	
White	BH322	2TCZ093012R0010	8	White	ВН329	2TCZ093014R0010	8

Pack/Qty

20

20

Kalo

Others

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.
0	Flex Outlet Rated current: 20 Flush-mounted b	OA pox dimension: 35 mm			1-gang blank pla Flush-mounted b	ate pox dimension: 35 mm
White	BH120	2TCZ091099R0070	10	White	ВН504	2TCZ095001R0010
	Flex Outlet 45 A Rated current: 4! Flush-mounted b				2-gang blank pla Flush-mounted b	ate oox dimension: 35 mm
White	вн590	2TCZ095006R0090	8	White	BH505	2TCZ095002R0010
0	Rated current: 13	on unit unswitched with fle 3 A DOX dimension: 35 mm	x outlet			
White	BH506	2TCZ095003R0040	8			
	illuminated Rated current: 13	on unit switched with flex o 3 A pox dimension: 35 mm	utlet –			
White	BH507	2TCZ095004R0040	8			
	Rated current: 13	on unit switched with flex o 3 A Dox dimension: 35 mm	utlet			
White	ВН508	2TCZ095099R0040	8			
0	1-gang Rotary D 600 W Flush-mounted b	immer pox dimension: 35 mm				
White	BH412	2TCZ094001R0010	5			
	Fan Regulator 500 VA Flush-mounted b	oox dimension: 35 mm				
White	BH422	2TCZ094009R0010	5			

Beauty with inner values.

Fascinates due to its form and colour and has a prize-winning look. This range is convincing not only by design but also by functionality, because it is robust, easy to install and versatile.



Selected functions.



- 01 Rocker switch 1-gang
- 02 Rocker switch 2-gang
- 03 Rocker switch 1-gang with neutral lens
- 04 Rocker switch 1-gang with labelling field
- 05 Rocker switch 1-gang with red neon lens
- 06 Push-switch 1-gang
- 07 Push-switch 1-gang with neutral lens
- 08 Blind switch with labelling field
- 09 Key switch

- 10 SCHUKO® socket outlet with hinged lid
- 11 SCHUKO® socket outlet With security lock in hinged lid
- 12 Socket outlet with earthing pin
- 13 Twilight switch with labelling field
- 14 SCHUKO® socket outlet 2-gang, vertical installation
- 15 SCHUKO® socket outlet 2-gang, horizontal installation
- 16 SCHUKO® socket outlet 3-gang, horizontal installation

The specialist for extreme cases.



- 01 Push-button coupling 1/2-gang with integrated bus coupler Article-No. 6108/04-500
- 02 Push-button for push-button coupling 1/2-gang with integrated bus coupler Article-No. 2601/6 W-54
- 03 Push-button coupling 2/4-gang with integrated bus coupler Article-No. 6108/05-500
- 04 Push-button for push-button coupling 2/4-gang with integrated bus coupler Article-No. 2601/5 W-54

ocean®

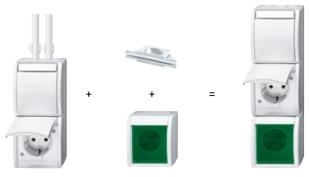
Lighting inserts.

Appli	cation for	V	mA	W	Art. No. Order No.	Art. No. Order No.	Art. No. Order No.
	ble for devices / 2621/				(B B	To the state of th
					Neon/incandescent glow lamps with connecting cable.	Neon/incandescent lamps with E-10 thread	
1.	SM switch/push-switch without serial switch	230	0,6		8332-1 ²⁾ 1784-0-0016		
2.	SM switch/push-switch without serial switch	230	1,0		8346-1 ^{1) 2)} 1784-0-0321		
3.	SM serial switch	230	0,6		8339-1 ²⁾ 1784-0-0040		
4.	For SM switch/push-button	24	40		8358 ³⁾ 1784-0-0719		
5.	For SM switch/push-button	12	40		8335-1 ³⁾ 1784-0-0529		
6.	SM switch/push-switch without serial switch	3, 5, 8	40		8333-1 ³⁾ 1784-0-0024		
7.	Light signal/warning indicator	230	1,3			8302 ²⁾ 1780-0-0022	
8.	Light signal	230		3,0		8340 ³⁾ 1784-0-0222	
9.	Light signal	24		2,0		8343 ³⁾ 1784-0-0263	
10.	Light signal	12		1,5		8342 ³⁾ 1784-0-0255	
11.	Light signal	6		1,2		8341 ³⁾ 1784-0-0248	
12.	Illumination insert						2152 NLI-53 1784-0-0777

Water protected ranges IP 44.

Combination possibility

Using the cable entry, various inserts are freely combinable. In addition to data communication products, other special inserts like key switches, rocker switches, or twilight switches can be fully integrated.

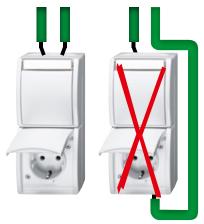


The combination that acts like a single component.

Article-No. 2601/6/20 EW-54 Article-No. 2138 W-54

Article-No. 2661 W-54 with 2863-13-53

Double cable entry from the top



Due to the large connecting space the power cord for the socket outlet, which is connected to a different electric circuit, can be fed through the shielding up to the socket outlet.



Clear assignment of the consumers Uniform labelling field for switches

and socket outlets (optional).



Easy connection

Large connection area even for 5 x 2.5 mm² conductors. Easy through-connections underneath the base.



Visible in the dark

Large-area lighting of the labelling field by LED for all switches and push-switches (optional).



Safe feed-through

Feed-through of earth wire via terminal block.



Fast mounting using the PoziDriv screw (+/-), PZ 1 (with triple-pitch fast release stainless steel thread). Same mounting dimensions as the

WS range.



Colour-matching duct entry

Available in both colours for use in cable ducts.

IP 44

Product	Article-No.	Order-No.	Pack/Qty
	Rocker switch 1) 2) 3) 1gang 2way Rated voltage: 250 V~ Rated current: 10 AX Protection class (Devi		
grey / blue-green	2601/6 W-53-500	2CKA001085A1637	10/100
alpine white	2601/6 W-54-500	2CKA001085A1632	10/100

¹⁾ Label holder 1763-53.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Rocker switch 1) 2) 3) 2gang 1way

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 44

grey / blue-green	2601/5 W-53-500	2CKA001085A1633	10/100
alpine white	2601/5 W-54	2CKA001085A1621	10

¹⁾ Label holder 1763-53.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Rocker switch 1) 2) 3) 1gang

Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44

grey / blue-green	2601/7 W-53	2CKA001085A1604	10/100
alpine white	2601/7 W-54	2CKA001085A1620	10

¹⁾ Label holder 1763-53.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Rocker switch 1) 2) 3) breaking circuit, 2-pole

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 44

grey / blue-green	2601/2 W-53	2CKA001085A1605	10/100
alpine white	2601/2 W-54	2CKA001085A1627	10

¹⁾ Label holder 1763-53.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Rocker switch 1) 2) 3) 4)

1gang 2way

With neutral (transparent) lens.

With illumination. Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 44

grey / blue-green	2601/6 WGL-53	2CKA001085A1613	10
alpine white	2601/6 WGL-54	2CKA001085A1626	10

¹⁾ Label holder 1763-53.

	Rocker switch ¹) ²)
-	1gang 2way
	With labelling field.
	Labelling field 57.8 x 9.8 mm
	Rated voltage: 250 V~

Order-No.

Pack/Qty

Rated current: 10 AX Protection class (Device): IP 44

grey / 2601/6 WN-53-500 2CKA001085A1635 10/100 blue-green alpine white 2601/6 WN-54 2CKA001085A1624 10/100

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Product

Rocker switch 1) 2) 3) 4) 5)

1gang 2way

Article-No.

With red neon lens. With neon lamp. With N terminal.

Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44

2601/6 SKW-53-500 2CKA001085A1636 10/100 grey/ blue-green

alpine white

2601/6 SKW-54

⁵⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Rocker switch with marking "Heizung" 1) 2) 3) 4) 5)

2CKA001085A1622

10

1gang 2way With red neon lens.

With neon lamp.

With labelling field. Labelling field 57.8 x 9.8 mm

With N terminal. Rated voltage: 250 V~

Rated current: 10 AX Protection class (Device): IP 44

2601/6 SKWNH-53 2CKA001085A1609 10/100 grey / blue-green alpine white 2601/6 SKWNH-54 2CKA001085A1631 10

⁵⁾ Neutral labelling field enclosed.



Rocker switch with marking "Heizung" 1) 2) 3) 4) 5)

breaking circuit, 2-pole With red neon lens.

With neon lamp. With labelling field. Labelling field 57.8 x 9.8 mm

Rated voltage: 250 V~ Rated current: 16 AX

	Troccetion class (Bevice). If 44			
grey / blue-green	2601/2 SKWNH-53	2CKA001085A1610	10	
alpine white	2601/2 SKWNH-54	2CKA001085A1623	10	

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.

²⁾ Label holder illuminable with illumination insert 2152 NLI-53.

Label holder illuminable with illumination insert 2152 NLI-53.

²⁾ Label holder illuminable with illumination insert 2152 NLI-53

²⁾ Label holder illuminable with illumination insert 2152 NLI-53.

²⁾ Label holder illuminable with illumination insert 2152 NLI-53.

³⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.

⁴⁾ Neon lamp 8346-1 included.

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.

¹⁾ Label holder 1763-53

²⁾ Label holder illuminable with illumination insert 2152 NLI-53.

³⁾ Neon lamp 8346-1 included.

⁴⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.

²⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.

³⁾ Neon lamp 8346-1 included.

⁴⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.

³⁾ Neon lamp 8346-1 included.

⁴⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

^{5) &}quot;Heizung" inscription label also included.

IP 44

Product	Article-No.	Order-No.	Pack/Qty		
	Push-switch 1) 2) 3)				
	1gang 1way				
	SP (operating current),				
	With N terminal.				
	Rated voltage: 250	V~			
	Rated current: 10 A				
	Protection class (De	evice): IP 44			
grey /	2621 W-53-500	2CKA001484A0382	10/100		
blue-green					
alpine white	2621 W-54	2CKA001484A0380	10		

¹⁾ Label holder 1763-53.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Push-switch 1) 2) 3) 4)

1gang 2way

With neutral (transparent) lens.

SP.

With N terminal.

Can be wired for normally open contacts (stand-by

current) or normally closed contacts (operating current). Rated voltage: 250 V~

Rated current: 10 A Protection class (Device): IP 44

2621 W-53-206 2CKA001484A0054 10 blue-green alpine white 2CKA001484A0377

grey /

2621 W-54-206

³⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358. $^{4)} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$



Push-switch 1) 2) 3) 4) 5)

1gang 1way

With neutral (transparent) lens.

With illumination.

SP (operating current),

With N terminal.

Rated voltage: 250 V~

Rated current: 10 A

Protection class (Device): IP 44

2621 WGL-53-500 2CKA001484A0383 10/100 grey / blue-green alpine white 2621 WGL-54 2CKA001484A0381 10

⁵⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Push-switch 1) 2) 3) 1gang 1way

SP (operating current),

With N terminal.

With 2 independent answering contacts.

With labelling field.

Labelling field 57.8 x 9.8 mm

Rated voltage: 250 V~

Rated current: 10 A

Protection class (Device): IP 44

grey / blue-green	2621 WN-53-201	2CKA001484A0373	10	
alpine white	2621 WN-54-201	2CKA001484A0378	10	

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.

-			
Product	Article-No.	Order-No.	Pack/Qty



2gang 1way 1) 2) 3)

2gang 1way, SP (operating current)

2 actuating covers, 2 x SP. with 2 separate current paths, Without N terminal With labelling field. Labelling field 57.8 x 9.8 mm

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 44

2621 WN-53-205-101 2CKA001484A0374 10 grey / blue-green alpine white 2621 WN-54-205-101 2CKA001484A0379 10

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



10

Symbol for push-switch

For ocean® and All Weather 44 ranges. Protection class (Device): IP 44

	without symbol		
clear- transparent	2622 N-101	2CKA001714A0252	10
	light		
clear- transparent	2622 LI-101	2CKA001714A0260	10
	bell		
clear- transparent	2622 KI-101	2CKA001714A0278	10
	key		
clear- transparent	2622 TR-101	2CKA001714A0286	10
	Red		
Red	2622-12-101	2CKA001714A0294	10



Blind switch 1) 2) 3)

Rocker Switch, SP

With interlock. With labelling field.

Labelling field 57.8 x 9.8 mm

Rated voltage: 250 V~

Rated current: 10 AX

grey / blue-green	2601/4 W-53	2CKA001085A1612	10
alpine white	2601/4 W-54	2CKA001085A1625	10

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.

²⁾ Label holder illuminable with illumination insert 2152 NLI-53.

¹⁾ Label holder 1763-53.

²⁾ Label holder illuminable with illumination insert 2152 NLI-53

¹⁾ Label holder 1763-53.

²⁾ Label holder illuminable with illumination insert 2152 NLI-53.

³⁾ Push switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and

⁴⁾ Neon lamp 8346-1 included.

 $^{^{2)}}$ Push switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

¹⁾ Label holder 1763-53.

²⁾ Label holder illuminable with illumination insert 2152 NLI-53.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Blind switches/push switches prevents fast change over between operating directions.

IP 44

Product	Article-No.	Order-No.	Pack/Qty
<u> </u>	Blind switch/pus push-switch, SP With interlock. With labelling field 57. Rated voltage: 25 Rated current: 10 Protection class (8 x 9.8 mm 0 V~ A	3)
grey / blue-green	2621/4 W-53	2CKA001442A0469	10
alpine white	2621/4 W-54	2CKA001442A0474	10

- 1) Label holder illuminable with illumination insert 2152 NLI-53.
- 2) For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
- Blind switches/push switches prevents fast change over between operating



Busch-Blind control switch/push-switch 1) 2) 3) 4) cover switch, 1gang 2way, DP

For profile semi-cylindrical lock.

Key push-switch.

Key can only be removed in central position.

With labelling field.

Labelling field 57.8 x 9.8 mm

IP 44 only in combination with appropriate cylindrical

locks.

Rated voltage: 250 V~ Rated current: 10 AX

	Protection class (Device): IP 44			
grey / blue-green	2712 SLW-53	2CKA001101A0916	10	
alpine white	2712 SLW-54	2CKA001101A0924	10	

- 1) Key not removable in end position.
- 2) See semi-cylindrical lock.
- ³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
- 4) Labelling strip non-illuminable.



Key switch 1) 2) 3) breaking circuit, 1-pole

For profile semi-cylindrical lock.

In switched-on and switched-off status the key can be pulled out in the central position, respectively.

With labelling field.

Labelling field 57.8 x 9.8 mm

IP 44 only in combination with appropriate cylindrical

locks.

Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 44

grey / blue-green	2733 SLW-53	2CKA001101A0917	10
alnine white	2733 SI W-54	2CK A001101 A0925	10

- 1) See semi-cylindrical lock.
- ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
- 3) Labelling strip non-illuminable.



Pull cord switch 1) 2) 3)

1gang 2way

With screw-type terminals. Rated voltage: 250 V~

Rated current: 10 AX

Protection class (Device): IP 44

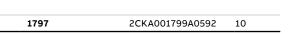
grey / blue-green	2610/6 W-53	2CKA001383A0141	10	
alpine white	2610/6 W-54	2CKA001383A0143	10	

¹⁾ Label holder 1763-53.





Spare part for: 2610/6 UJ-21x, 2610/6 AP, 2610/6 W-5x Protection class (Device): IP 20





Neon indicator 1) 2) 3) 4) 5) with E 10-thread

With screw-type terminals.

without cover, without lamp, IP 44 only in combination with appropriate covers.

Rated voltage: 250 V~

Protection class (Device): IP 44

grey / blue-green	2661 W-53	2CKA001582A0305	10
alpine white	2661 W-54	2CKA001582A0328	10

- 1) Label holder 1763-53.
- 2) Label holder illuminable with illumination insert 2152 NLI.
- ³⁾Indication lamp illuminable using E 10 lamps 8302, 8340, 8341, 8342, 8343.
- 4) Use of the intense-light neon lamp 8340 is recommended in the case of red and green covers.
- 5) For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



Cap for indication lamp

2661 W-53

Protection class (Device): IP 20

2863-11-53	2CKA001563A0148	10
2863-12-53	2CK A001563A0149	10
2863-13-53		10
	2863-12-53	2863-12-53 2CKA001563A0149



SCHUKO® socket outlet 1) 2)

with hinged lid

With screwless terminals.

2 P + F.

Rated voltage: 250 V~

Rated current: 16 A

Protection class (Device): IP 44

grey / blue-green	20 EW-53-500	2CKA002083A0845	10/100
alpine white	20 EW-54-500	2CKA002083A0846	10/100

¹⁾ Label holder 1763-53

2) For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



SCHUKO® socket outlet 1) 2) 3) shuttered

With screwless terminals.

With hinged lid. 2 P + E.

Rated voltage: 250 V~

Rated current: 16 A

grey / blue-green	20 EBW-53	2CKA002083A0842	10/100			
alpine white	20 EBW-54	2CKA002083A0843	10			

¹⁾ Label holder 1763-53.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Labelling strip non-illuminable.

 $^{^{2)}} For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool. com.$

³⁾ Increased shock protection .

Back /Oty

5/50

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IP 44

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket o with hinged lid and With screwless tern With labelling field. Labelling field 57.8 2 P + E, Rated voltage: 250 Rated current: 16 A Protection class (Do	l labelling field ninals. x 9.8 mm V~	
grey / blue-green	20 EWN-53-500	2CKA002083A0848	10/100
alpine white	20 EWN-54	2CKA002083A0831	10/100

1) For compatible lettering software	e, visit www.BUSCH-JAEGER-labelingtool.com.



SCHUKO® socket outlet 1) with green hinged lid

With screwless terminals.

2 P + E,

With green hinged lid, SV (RAL 6018).

With labelling field. Labelling field 57.8 x 9.8 mm

Continuous coloured marking (hinged lid and base).

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 44

alpine white	20 EWN-13-54	2CKA002083A0837	10	
grey / blue-green	20 EWN-13-53	2CKA002083A0819	10	

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



SCHUKO® socket outlet 1)

with orange hinged lid

With screwless terminals.

2 P + E,

With orange hinged lid, ZSV, (RAL 2004).

With labelling field.

Labelling field 57.8 x 9.8 mm

Continuous coloured marking (hinged lid and base).

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 44

blue-green				
alpine white	20 EWN-14-54	2CKA002083A0838	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



SCHUKO® socket outlet 1)

with red hinged lid With screwless terminals.

2 P + E,

With red hinged lid, EDP (RAL 6018).

With labelling field. Labelling field 57.8 x 9.8 mm

Continuous coloured marking (hinged lid and base).

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 44

grey / blue-green	20 EW/DVN-53	2CKA002083A0825	10	
alpine white	20 EW/DVN-54	2CKA002083A0839	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty		
Combination SCHUKO® socket outlet, with ro					
	1gang 2way For vertical install	ati a a			
	2 P + E,	ation.			
	Rated voltage: 250	O V~			
	Rated current: 16	A			
	Rated current: 10	AX			
	Protection class (Device): IP 44			
alpine white	2601/6/20 EW-5	4 2CKA001684A0327	5/50		

Order No

grey /

blue-green

Droduct

- 2) Label holder of the switch illuminable with illumination insert 2152 NLI-53.
- ³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
- ⁴⁾ Terminals of the socket outlet suitable for loop connection in accordance with VDE 0620-1.

2601/6/20EW-53-5002CKA001684A0332

⁵⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or ${\sf SCHUKO@-} socket \ outlets \ with \ locks \ can \ be \ used.$



Combination SCHUKO® socket outlet, with rocker switch 1) 2) 3) 4) 5)

shuttered

Articla Na

1gang 2way For vertical installation.

2 P + E.

Rated voltage: 250 V~ Rated current: 16 A Rated current: 10 AX

Protection class (Device): IP 44

grey / blue-green	2601/6/20 EBW-53	2CKA001684A0330	5
alpine white	2601/6/20 EBW-54	2CKA001684A0331	5

¹⁾ Label holder 1763-53.

- 2) Label holder of the switch illuminable with illumination insert 2152 NLI-53.
- ³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
- 4) Terminals of the socket outlet suitable for loop connection in accordance with VDE 0620-1.

⁵⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.



SCHUKO® socket outlet 1) 2)

With screwless terminals. With security lock in hinged lid.

2 P + E, lockable.

2 keys.

Cannot be screwed on or dismounted in closed

approx. 200 different locks (unsorted),

Rated voltage: 250 V~ Rated current: 16 A

grey / blue-green	20 EWSL-53	2CKA002083A0822	10/50	
alpine white	20 EWSL-54	2CKA002083A0832	10	

¹⁾ Label holder 1763-53.

¹⁾ Label holder 1763-53.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

IP 44

Product	Article-No.	Order-No.	Pack/Qty
6	SCHUKO® socket of With screwless terr With security lock if 2 P + E, Standard lock with Cannot be screwed condition. Rated voltage: 250 Rated current: 16 A Protection class (D	ninals. n hinged lid. 2 identical keys. on or dismounted in close	ed
grey / blue-green	20 EWSL-101-53	2CKA002083A0823	10
alpine white	20 EWSL-101-54	2CKA002083A0833	10

¹⁾ Label holder 1763-53.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



2 SCHUKO® socket outlets 1) 2) 3)

With screwless terminals.

With 2 identical security locks in hinged lid and 2 identical keys.

Cannot be screwed on or dismounted in closed condition.

geminate approx. 200 different locks (unsorted),

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 44

grey / blue-green	20/20 EWSL-53	2CKA002083A0816	1/10
alpine white	20/20 EWSL-54	2CKA002083A0836	1

³⁾ For operating 2 different circuits in shared rooms via user's meter.



SCHUKO® socket outlet 1) 2) 3)

2gang

For vertical installation. With screwless terminals. Prewired

with hinged lids,

2 P + E. Rated voltage: 250 V~ Rated current: 16 A

	Protection class (Dev	/ice): IP 44		
grey / blue-green	20-02 EW-53-500	2CKA002084A0729	5/50	
alpine white	20-02 EW-54	2CKA002084A0710	5	

¹⁾ Label holder 1763-53.

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket shuttered 2gang For vertical instal With screwless te Prewired with hinged lids, 2 P + E, Rated voltage: 25 Rated current: 16 Protection class (lation. rminals. 0 V~ A	
grey / blue-green	20-02 EBW-53	2CKA002084A0719	5
alpine white	20-02 EBW-54	2CKA002084A0722	5

¹⁾ Label holder 1763-53.

 $^{^{}m 4)}$ Increased shock protection .



grey /

SCHUKO® socket outlet 1) 2)

2gang

For vertical installation. With screwless terminals. Prewired with hinged lids, With labelling field. Labelling field 57.8 x 9.8 mm

2 P + E,

Rated voltage: 250 V~ Rated current: 16 A

20-02 EWN-53

Protection class (Device): IP 44

blue-green				
alnine white	20-02 FWN-54	2CKA002084A0714	5	

2CKA002084A0702

²⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or ${\sf SCHUKO} @-{\sf socket} \ outlets \ with \ locks \ can \ be \ used.$



SCHUKO® socket outlet 1) 2)

2gang

For horizontal installation. With screwless terminals.

Prewired with hinged lids,

2 P + E,

Rated voltage: 250 V~ Rated current: 16 A

	Protection class (Device): IP 44			
grey / blue-green	20/2 EW-53-500	2CKA002084A0726	5/50	
alpine white	20/2 EW-54-500	2CKA002084A0727	5/50	

¹⁾ Label holder 1763-53.

 $^{^{2)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

1/10

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IP 44

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket shuttered 2gang For horizontal ins With screwless te Prewired with hinged lids, 2 P + E, Rated voltage: 25 Rated current: 16 Protection class (otallation. orminals. O V~ A	
grey / blue-green	20/2 EBW-53	2CKA002084A0720	5/50
alpine white	20/2 EBW-54	2CKA002084A0723	5

³⁾ Increased shock protection .



¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



SCHUKO® socket outlet 1) 2gang with red hinged lids

For horizontal installation. With screwless terminals.

2 P + E.

Prewired

With red hinged lid, EDP (RAL 6018).

With labelling field.

Labelling field 57.8 x 9.8 mm

Continuous coloured marking (hinged lid and base).

2CKA002084A0700

2CKA002084A0713

5

Rated voltage: 250 V Rated current: 16 A

20/2 EW/DVN-53

20/2 EW/DVN-54

Protection class (Device): IP 44

grey / blue-green alpine white

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket	outlet ¹) ²) ³)	
	For horizontal ins	tallation.	
0	With screw-type t	erminals.	
	Prewired		
	with hinged lids,		
	2 P + E,		
	Rated voltage: 25	0 V~	
	Rated current: 16	A	
	Protection class (Device): IP 44	
grey / blue-green	2300/3 EW-53-5	00 2CKA002084A072	25 1/10

¹⁾ Label holder 1763-53.

alpine white

2CKA002084A0712

SCHUKO® socket outlet 1) 2) 3) 4) shuttered

3gang,

For horizontal installation.

2300/3 EW-54

With screw-type terminals. Prewired

with hinged lids, 2 P + E.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 44

grey / blue-green	2300/3 EBW-53	2CKA002084A0721	1/10
alpine white	2300/3 EBW-54	2CKA002084A0724	1/10

¹⁾ Label holder 1763-53.

blue-green

SCHUKO® socket outlet 1) 2)

For horizontal installation. With screw-type terminals.

Prewired

with hinged lids,

With labelling field.

2 P + E,

Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 44

2300/3 EWN-53 2CKA002084A0704 grey /

alpine white 2300/3 EWN-54 2CKA002084A0716

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 $^{^{1)}}$ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

⁴⁾ Increased shock protection .

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

IP 44

Product	Article-No.	Order-No.	Pack/Qty
O	Socket outlet 1) 2) 3 with earthing pin With screwless terr With hinged lid. Suitable for the cor 2 P + E, Rated voltage: 250 Rated current: 16 A Protection class (D	minals. untries like Poland, Czech F V~	Republic.
grey / blue-green	20 MW-53-500	2CKA002017A0762	10/100
alpine white	20 MW-54-500	2CKA002017A0849	10
1) Label holder 17	63-53.		

³⁾ Terminals suitable for loop connection in acc. with IEC 60 884-1.



Socket outlet 1) 2) 3) with earthing pin

With screw-type terminals.

With hinged lid.

Shuttered.

Suitable for countries like Belgium.

2 P + E.

Rated voltage: 250 V~ Rated current: 16 A

	Protection class (Device): IP 44				
grey / blue-green	23 MWKS-53-504	2CKA002017A0763	10/100		
alpine white	23 MWKS-54-504	2CKA002017A0842	10		

¹⁾ Label holder 1763-53.

³⁾ Terminals suitable for loop connection in acc. with IEC 60 884-1.



Busch-Nema socket outlet 1) 2)

with yellow hinged lid

With screw-type terminals.

2 P + E,

With yellow hinged lid (RAL 1018).

With labelling field.

Labelling field 57.8 x 9.8 mm

Rated voltage: 125 V

Rated current: 15 A Protection class (Device): IP 44

2CKA002124A0023 grey / 3015 EWN-53 10/100 blue-areen

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com



Busch-Nema socket outlet 1) 2)

with yellow hinged lid With screw-type terminals.

2 P + E,

With yellow hinged lid (RAL 1018).

With labelling field.

Labelling field 57.8 x 9.8 mm

Rated voltage: 125 V

Rated current: 20 A

Protection class (Device): IP 44

grey / blue-green	3016 EWN-53	2CKA002124A0024	10		
alpine white	3016 EWN-54	2CKA002124A0026	10		

¹⁾ Use in accordance with US Standard (e.g. in US military barracks).

Product	Article-No.	Order-No.	Pack/Qty



Twilight switch 1) 2)

With labelling field.

Labelling field 57.8 x 9.8 mm

Switch-on/switch-off delay: approx. 3-6 min non-

adjustable.

Rated voltage: 230 V~ Rated frequency: 50 Hz Rated current: 16 AX Rated power: 3680 W/VA

Brightness limit value: 3 Lux - 500 Lux nominal

Protection class (Device): IP 44

Temperature range (Device): -35 °C to 55 °C

	remperature range (Bevice). 33 C to 33 C				
grey	2240 W-53	2CKA006500A0791	1/10		
alpine white	2240 W-54	2CKA006500A0792	1/10		

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Labelling strip non-illuminable.



Housing 1) 2) 3) 4) 5) with labelling field

larger installation depth for data communication system,

suitable for DCS base 1850 built-in ... 1872 built-in and

1876 built-in, With labelling field. Labelling field 57.8 x 9.8 mm Protection class (Device): IP 44

Mounting depth: 45 mm

grey / blue-green	1758 WN-53	2CKA001724A2751	10
alpine white	1758 WN-54	2CKA001724A4264	10

¹⁾ Not suitable for DCS base 1874 (built-in), 1875 built-in

⁵⁾ Not suited for universal modules 0219.



Empty box 1) 2) 3) with labelling field

larger installation depth for pilot devices of 22.5 mm diameter,

Standard version,

Labelling field 57.8 x 9.8 mm

Protection class (Device): IP 44 Mounting depth: 60 mm

2533 WN-53 2CKA001724A2752 10 grey / blue-areen alpine white 2533 WN-54 2CKA001724A4281

^{3) *} e.g. of the companies Lumitas, Moeller, Schlegel, Rafi, Elan.



Empty box 1) 2) 3) with labelling field

larger installation depth for pilot devices of 22.5 mm

with yellow cover (RAL 1018), Labelling field 57.8 x 9.8 mm Protection class (Device): IP 44 Mounting depth: 60 mm

grey / blue-green	2533 WN-15-53	2CKA001724A2753	10	
alpine white	2533 WN-15-54	2CKA001724A4282	10	

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

alpine white 3015 EWN-54 2CKA002124A0025 ¹⁾ Use in accordance with US Standard (e.g. in US military barracks).

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ DCS base not included

⁴⁾ IP 44 only with closed hinged lid.

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ IP 44 only in combination with appropriate control unit

²⁾ IP 44 only in combination with appropriate control unit

^{3) *} e.g. of the companies Lumitas, Moeller, Schlegel, Rafi, Elan.

IP 44

Product	Article-No. Order-No. Pack/						
	1 1	,					
N .	•	SCHUKO® socket outlets ¹) ge circuit breaker	²) ³)				
California de la Califo	Shuttered.	ye en care bi care.					
17.600	Waterproof.						
	•	CHUKOMAT, VDE 0664.					
	DP cut off (P,N)						
	Without PE monitoring.						
	Rated fault current: 30 mA.						
	With fixing claws	With fixing claws.					
	Rated frequency: 45-60 Hz.						
	Complete cover, not combinable.						
	Rated voltage: 230 V~						
	Rated current: 16 A						
	Protection class (Device): IP 44						
	Temperature rang	ge (Device): -25 °C to 40 °C					
alpine white	3120 EUGB-44	2CKA003116A0665	1/10				
1) Protective mea	sure according to VDE	0100: can be proven or checked	l using the				

¹⁾ Protective measure according to VDE 0100; can be Profitest 0100S testing device, for example.
²⁾ Terminals suitable for loop through connection.
³⁾ Increased shock protection.

Accessories

Product	Article-No.	Order-No.	Pack/Qt		
	Cable entry				
	double closed Protection class (Device): IP 20			
	,				
blue-green	2134 W-53	2CKA001761A1487	10		
alpine white	2134 W-54	2CKA001761A1507	10		
	Cable entry				
	single open				
•	Protection class (Device): IP 20			
blue-green	2136 W-53	2CKA001761A1489	10		
alpine white	2136 W-54	2136 W-54 2CKA001761A1508			
	Cable bushing				
		coupling several devices			
	Protection class (Device): IP 44			
blue-green	2138 W-53	2CKA001761A1490	10		
alpine white	2138 W-54	2CKA001761A1509	10		
	Cable entry high design				
-	Protection class (Device): IP 20			
blue-green	2139 W-53	2CKA001761A1491	10		
alpine white	2139 W-54	2CKA001761A1511	10		
	Cable entry				
	For pipes with me	etric thread M 20 x 1.5.			
1111	Protection class (Device): IP 44			
1					



blue-green	2137/10 W-53	2CKA001761A1503	10	
alpine white	2137/10 W-54	2CKA001761A1512	10	



Cable entry

For pipes with 20 mm diameter unthreaded. Protection class (Device): IP 44

blue-green	2137/11 W-53	2CKA001761A1506	10	
alpine white	2137/11 W-54	2CKA001761A1513	10	



Cable entry

Trunking dimension: 15 x 15 mm or 15 x 30 mm. Protection class (Device): IP 20

blue-green	2086 W-53	2CKA001761A1492	10
alpine white	2086 W-54	2CKA001761A1510	10

Accessories

Neon lamps, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.	Pack/Q
	Label holder ') with neutral foil for switches and Protection class	socket outlets in the ocea	n® program,		Suitable for surf	6 mA	
clear- transparent	1763-53	2CKA001799A0882	2 10		8332-1	2CKA001784A001	.6 10
¹⁾ For compatible I	Illumination inse with LED, with optical fibre holder 1763-53	for uniform illumination c			For SM switch/p	mA	,
	Rated voltage: 23 Protection class				8346-1	2CKA001784A032	21 10
clear- transparent 1) For compatible I	2152 NLI-53 ettering software, vi	2CKA001784A0777			Suitable for surfa 2621/4, 2621/2		1/4, 2601/5,
		SCHUKO® socket outlets ge circuit breaker	¹¹) ²) ³)		For SM 2gang 1w Rated voltage: 23 Rated current: 0. Protection class	30 V 6 mA	



Shuttered. Waterproof. Surface-mounted SCHUKOMAT, VDE 0664 DP cut off (P,N)

Without PE monitoring. Rated fault current: 30 mA. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 44

Temperature range (Device): -25 °C to 40 °C

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the

2CKA003116A0664

Profitest 0100S testing device, for example.

 $^{^{3)}}$ Increased shock protection .



Mounting plate

3120 EWB-53

For individual waterproof/tight SM devices. For fixation with fastening system (fixing screws included in the delivery). Protection class (Device): IP 20

metal clad	2609 WS	2CKA001716A0042	10



8339-1

Glow lamp with E 10 thread for indication lamps

Suitable for flush or surface-mounted devices 2661U, 2661W

2CKA001784A0040

Pack/Qty

100

100

For indication lamps. Rated voltage: 230 V Rated current: 1.3 mA Rated current: 1.3 mA

Protection class (Device): IP 20

2CKA001780A0022



Incandescent lamp with E 10 thread very bright, for indication lamps

Suitable for flush or surface-mounted devices 2661U,

2661W For indication lamps. Rated voltage: 240 V Rated power: 3 W

Rated power: 3 W

Protection class (Device): IP 20

2CKA001784A0222 100

²⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

Incandescent lamps, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty	
0	Incandescent lamp with connecting cable			
1001	Suitable for surfa	ce-mounted devices 2601/	, 2621/	
3	For SM switch/pu	ısh button.		
	Rated voltage: 12	V		
/\	Rated current: 40	mA		
	Protection class (Device): IP 20			
	8335-1	2CKA001784A0529	100	
*	Incandescent lamp with connecting cable			
	Suitable for surfa	ce-mounted devices 2601/	, 2621/	
	For SM switch/pu	ısh button.		
	Rated voltage: 24	V		
	Rated current: 40	mA		
	Protection class (Device): IP 20			
	8358	2CKA001784A0719	10	
			'	
-	Incandescent lan	Incandescent lamp with connecting cable		
	Suitable for surfa	ce-mounted devices 2601/	, 2621/	
	For SM switch/push button, without 2gang 1wa			
(/	Rated voltage: 3 \	/		



Incandescent lamp with E 10 thread*) for indication lamps

Suitable for flush or surface-mounted devices 2661U,

2CKA001784A0024

100

2661W

8333-1

For indication lamps. Rated voltage: 6 V Rated power: 1.2 W Rated power: 1.2 W

Rated current: 40 mA Protection class (Device): IP 20

8341 2CKA001784A0248 100

*) Phase-out type



Incandescent lamp with E 10 thread

for indication lamps

Suitable for flush or surface-mounted devices 2661U,

For indication lamps. Rated voltage: 12 V Rated power: 1.5 W Rated power: 1.5 W

Protection class (Device): IP 20

8342 2CKA001784A0255 100



Incandescent lamp with E 10 thread for indication lamps

Suitable for flush or surface-mounted devices 2661U,

For indication lamps. Rated voltage: 24 V Rated power: 2 W Rated power: 2 W

Protection class (Device): IP 20

2CKA001784A0263 8343

For the pleasant feeling of safety.

These innovative and high-quality optical detection systems by Busch-Jaeger simply make life more comfortable. They are alert, helpful, efficient. And they automatically manage many tasks in every sector of the building. Inside and outdoors. When it comes to safety, they know precisely when the light is needed. And other functions such as heating, blinds and air-conditioning are precisely, intelligently and reliably controlled.



Selected functions.





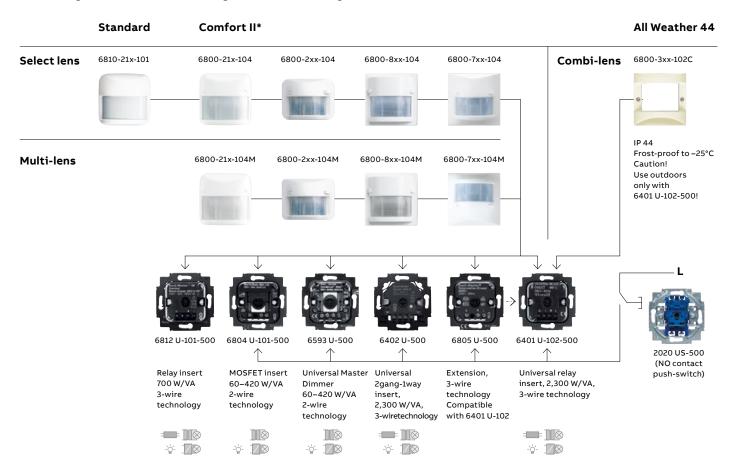
- 01 Busch-Watchdog 220 MasterLINE, Colour: white, with anthracite-coloured lens, incl. IR remote control, Article-No.: 6847/8 AGM-204-500
- 02 Busch-Presence detector KNX, Colour: white, Article-No.: 6131/31-24-500
- 03 Busch-Presence detector compact, Colour: white, Article-No.: 6819/60-24-500

- 04 Busch-Watchdog 110 MasterLINE, Colour: white, Article-No.: 6855 AGM-204-500
- 05 Busch-Watchdog Presence tech BasicLINE Corridor, Article-No.: 6818 U-500
- 06 Busch-Watchdog 180 flush-mounted comfort sensor, Switch series solo®, Colour: studio white
- 07 Busch-Watchdog ProfessionalLINE

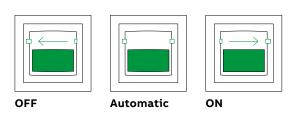


This switch can sense your needs.

Selection guide: the Busch-Watchdog flush-mounted range

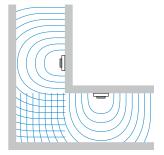


 $^{^\}star$ Switch-off behaviour: In combination with 6593 U (soft OFF function), the Comfort II sensor dims and switches off within 60 seconds.



Slide switch.

Always on, allways off, or automatic mode can be individually selected using the slide switch. Optionally, the slide switch can be fixed to automatic mode using a screw on the back side, e.g. in public buildings.



Application of main and auxiliary units.

If more than only one movement detector is requirement, additional movement detectors can be installed using extension inserts. This makes sense, for example, in the case of L-shaped corridors.

Hands free for the important things Busch-Watchdog 180, flush-mounted.

The convenient home help.

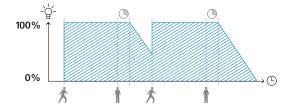
The flush-mounted Busch-Watchdog 180 is the ideal movement detector for the stairwell, hall, bathroom and large rooms without a clear overview. It responds as soon as it registers body heat. And leaves no one standing in the dark. It offers a large range of effectiveness, especially during a frontal approach. As soon as someone enters the door, the switching process is triggered. And it automatically switches off again when the person exits the room.

The convenient combination:
The movement detector and dimmer of
ABB/Busch-Jaeger do not suddenly leave
you in the dark.

Flush-mounted insert: Dimmer 6593 U-500 Busch-Watchdog sensor: 6800-xx-104M







Light whenever needed.

The flush-mounted Busch-Watchdog 180 Comfort does not switch the light off suddenly but, in connection with a Busch-Dimmer®, dims it slowly within a period of 60 seconds. It does this as soon as it no longer detects movement and the set switch-off delay has expired. This switch-off warning means that one does not immediately stand in the dark but has the opportunity to move into the detection range which then switches back to 100% brightness.





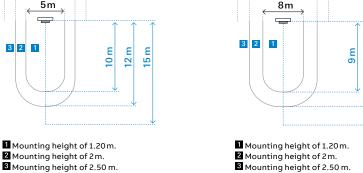
Additional information is available in our range and products brochure.

Busch-Watchdog 0001-0-1363

Busch-Watchdog Presence tech CWAC000003B0202

Reliable and uninterrupted surveillance.

Select lens **Multi-lens** Combi-lens ca. 3° 5 5° 0,80 m - 2,50 m 0,80 m - 2,50 m 0,80 m - 1,20 m ca. 2° 25° 10m 8m 16m 5m 3 2 3 2 12 m



The optimum shape.

Mounting height of 0.80 m to 1.20 m.

A flush-mounted movement detector must match perfectly with its surroundings while at the same time reliably fulfilling its detecting function. The flush-mounted Busch-Watchdog 180 Standard and the flush-mounted Busch-Watchdog 180 Comfort are optimally designed for this. Not too flat and not too high. Nothing escapes their notice. The flush-mounted Busch-Watchdog 180 Standard is available in the design of the Reflex SI Linear switch range. The flush-mounted Busch-Watchdog 180 Comfort on the other hand is available in almost all Busch-Jaeger switch ranges. It additionally has a comfortable sliding switch for individually setting the light control.

Everything under control.

The flush-mounted Busch-Watchdog 180 offers a large range of effectiveness, especially during a frontal approach. As soon as someone enters the door the switching process is triggered. It switches off automatically when exiting. The detection angle is 180° and extends laterally up to the wall. In spite of its compact dimensions it has a transmission range of 12 m frontal and, depending on the model, from

5 to 8 m lateral. Depending on the spatial conditions, the connection of an additional movement detector is recommended, which is connected as extension unit. For example, when an area that does not lie within the detection range is accessed.

20m

16m

12m 15 m 5

59

Intelligent combination.

The flush-mounted Busch-Watchdog 180 Comfort in connection with a Busch-Dimmer® does not switch the light off suddenly, but dims it slowly within a period of 60 seconds. The switch-off delay time and twilight value can be flexibly set, it is freely selectable up to 30 minutes.

Three lenses for each surveillance situation.

Depending on design and application the Busch-Watchdog models have three different lenses: select lens, multi-lens and combination lens. With the select lens, for example, domestic animals are not detected in the lower area, the multi-lens also detects persons that are on the stairs and the combination lens detects every angle of the surveillance area.

Reliable and uninterrupted surveillance.

The right model for each task.

The select lens.

Monitors an area above approx. 1.20 m. Small animals are therefore not detected. Mounting height: 0.80 m to 1.20 m

Detection zone: 12 m frontal, 8 m to each side

The multi-lens.

Due to its detection range it also detects persons on a staircase.

Mounting height: 1.20 m

Detection zone: 10 m frontal, 2.50 m to each side

Mounting height: 2m

Detection zone: 12 m frontal, 4 m to each side

Mounting height: 2.50 m

Detection zone: 15 m frontal, 5 m to each side

The combination lens. (Only All Weather 44)

Makes possible the largest detection of the area $\,$

to be monitored.

Mounting height: 1.20 m

Detection zone: 9 m frontal, 4 m to each side

Mounting height: 2 m

Detection zone: 12 m frontal, 8 m to each side

Mounting height: 2.50 m

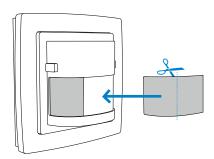
Detection zone: 15 m frontal, 10 m to each side





02

801 Busch-Watchdog 180 flush mounted standard sensor802 Busch-Watchdog 180 flush mounted comfort sensor



Reducing the detection range of the Busch-Watchdog with the covering foil.

Busch-Watchdog surface-mounted.

Overview of Busch-Watchdog, surface-mounted, detection zones

Busch-Watchdog 70 MasterLINE

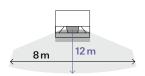
6854 AGM-...-500

Busch-Watchdog 110 MasterLINE

6855 AGM-...-500

Busch-Watchdog 90 ProfessionalLINE

6853 AGM-...-500

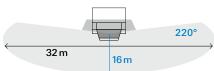


Busch-Watchdog 220 MasterLINE 6847/11 AGM-...-500

Busch-Watchdog 220 WaveLINE 6847 AGM-...-500

Busch-Watchdog 220

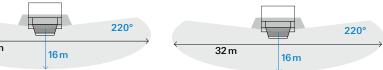
ProfessionalLINE 6845/11 AGM-...-500



Busch-Watchdog 220 MasterLINE KNX 6179/01-...-500

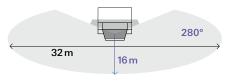
Busch-Watchdog 220 MasterLINE **KNX** premium

6179/02-...-500



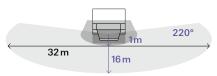
Busch-Watchdog 280 MasterLINE

6867 AGM-...-500



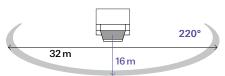
Busch-Watchdog 220 MasterLINE premium.

6848 AGM-...-500



Busch-Watchdog 220 MasterLINE select.

6847 AGS-204-500



Overview Busch-Watchdog serface-mounted







03





01 Busch-Watchdog 70 and 110 MasterLINE, white

04

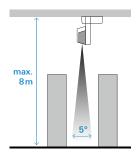
- 02 Busch-Watchdog 70 and 110 MasterLINE, anthracite
- 03 Busch-Watchdog 70 and 110 MasterLINE, brown
- 04 Busch-Watchdog 70 and 110 MasterLINE, silver metallic



- 05 Busch-Watchdog 220 and 280 MasterLINE, white
- 06 Busch-Watchdog 220 and 280 MasterLINE, anthracite
- 07 Busch-Watchdog 220 and 280 MasterLINE, brown
- 08 Busch-Watchdog 220 MasterLINE, silver metallic, incl. IR remote control
- 09 Busch-Watchdog 220 MasterLINE, white, lens anthracite
- 10 Busch-Watchdog 90 and 220 ProfessionalLINE

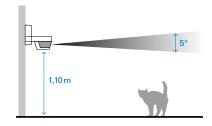
The angle is what matters. Mounting and detection ranges.

Busch-Watchdog 220 MasterLINE select



Precise surveillance.

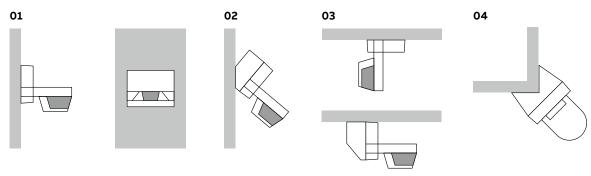
Aside from horizontal mounting, which is ideally suited for the surveillance of houses, properties and parking areas, also vertical mounting is possible. This also allows warehouse thoroughfares on large industrial sites to be monitored so precisely that areas are illuminated only when being approached.



Sees everything. Except small animals.

Practical for the surveillance of outdoor areas: At a mounting height of 1.10 m with a horizontal alignment small animals are not detected by the Busch-Watchdog 220 MasterLINE select.

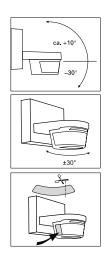
Mounting possibilities

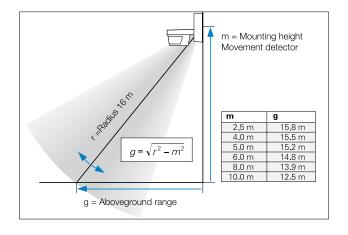


- 01 Wall mounting
- 02 Wall mounting with gradient
- 03 Ceiling mounting with and without corner adapter
- 04 Corner mounting (using the corner adapter)
 Busch-Watchdog 280 MasterLINE

Setting the transmission range

- Regulation of the range due to turning, switching, or partially covering
- The optimum mounting height is 2.50 m.
- Automatic range stabilisation for the Busch-Watchdog 70/110 MasterLINE





Busch-Presence detectors.

Overview of Busch-Presence detectors.

Presence detectors 230 V

Compact devices for almost every application.





Busch-Watchdog Presence tech

Versatile due to modular construction.





Busch-Watchdog Presence tech BasicLINE

For small offices, toilets, pass-through areas and dedicated applications.







Busch-Presence detectors KNX

Expertise always works. Almost unnoticed.









Mounting situations. Ideal solutions for all wall types.

The Busch-Presence detectors can, depending on the model, be used for all popular mounting methods.

Necessary accessories are to be obtained either from Busch-Jaeger/ABB or corresponding third-party suppliers.

	230 V					
	KNX					
	Mounting situation	Suspended ceiling	Flush-mounted installation box VDE	Surface mounted	In-situ concrete	Precast concrete slabs
	Notes	Ø 68 mm drill hole diameter			Mounting via special concrete installation boxes	Mounting via special concrete installation boxes
	Necessary accessories		KNX: Intermediate ring 6131/38	Surface-mounting box 6885 or Surface-mounting box 6888 KNX: Surface-mounting box 6131/39	E.g. Kaiser HaloX®-O housing: 1290-40 with fron part 1281-01 or 1281-61	E.g. Kaiser HaloX-P housing with mineral fibre plate 1291-22
•	Busch-Watchdog Presence tech BasicLINE mini	Х	_	_	Х	-
0	Busch-Watchdog Presence tech BasicLINE	X	X	-	Х	Х
0	Busch-Watchdog Presence tech BasicLINE Corridor	X	Х	х	X	х
	Busch-Watchdog Presence tech	-	Х	Х	Х	Х
	Busch-Presence detectors 230 V	Х	-	-	Х	Х
	Busch-Presence detector KNX	X	X	Х	Х	X
	Busch-Presence detector mini KNX	Х	Х	Х	Х	Х
11	Busch-Presence detector Corridor KNX	X	Х	Х	X	Х
	Busch-Watchdog Sky, KNX	Х	Х	Х	Х	Х

ABB Watchdog Remote control.

The new generation of ABB presence detectors with integrated Bluetooth interface can be remotely controlled and parameterised via a smartphone or tablet APP. For example the following functions are adjustable:

01 Selection of the presence detector to be controlled, via the device list with field strength display and fast identification push button.

02 Direct switching and dimming of the connected load

03 Energy monitor (rough overview of energy cost with / without presence detectors)

04 Sensitivity of sensors

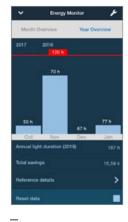
05 test mode

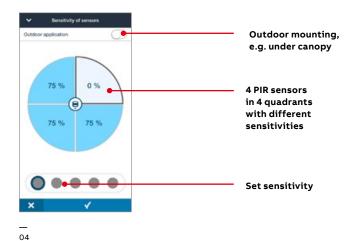




02









05

03

06 Activation of presence simulation (if you are not at home) / basic brightness and nightlight

O7 Set device
(Bluetooth) name and
device parameters

08 Release specific functions to user





06









Module principle of the electronic inserts and control elements.

	Flush-mounted insert	Switching/dimming capacity	Timer control element	
				10.05 531 ***
			Comfort timer control element 6455-101-500	Standard timer control element 6456-101
Switching	Universal Relay Switch Insert 6401 U-102	2300 W/VA All loads 10 AX	X Timer with maintained contact (for switching lights, pumps etc.)	
	Universal 2gang-1way Insert 6402 U	2300 W/VA All loads 10 AX		
	Relay Switch Insert 6812 U-101	700 W/VA All loads 3 A		
	MOSFET Insert 6804 U-101	60–240 W/VA, 230 V incandescent and halogen lamps, low-voltage halogen lamps with or Busch-electronic transformers		
	Extension Insert 6805 U	Active Watchdog extension for 6401 U-102, 6402 U, 6804 U-101, 6593 U, and 6550 U-101		
Dimming	Universal Master Dimmer Insert 6593 U	60–420 W/VA, increase with 6594 U up to 735 W/VA 230 V incandescent and halogen lamps, low-voltage halogen lamps with conventional or Busch-electronic transformers	X (Timer with adjustable brightness values)	
	LED-Touch dimmer insert 6524 U		х	
	Memory Touch-Type Controller 6550 U-101	ECG = 0/1–10 V, LEDs with ballast units, 700 W/VA, higher contact load possible with external relay, 50 mA control current	X (Timer with adjustable brightness values)	
	Memory 2gang Dimmer 6565 U	2 x 40-315 W/VA, 230 V incandescent and halogen lamps, low-voltage halogen lamps with electronic transformer		
	Memory Touch Dimmer 6560 U-101	20–500 W/VA, 230 V incandescent and halogen lamps, low-voltage halogen lamps with conventional transformer		
Blind	Blind Basic Insert 6418 U	690 VA, 3 A at cos φ 0,5		X (timer with 3-minute contact for shutter, motors or blinds)
	Blind Control II Insert 6411 U-101/ 6411 U/S-101	690 VA, 3 A at cos φ 0,5	X (timer with 3-minute contact for shutter, motors or blinds)	

X Combination possible

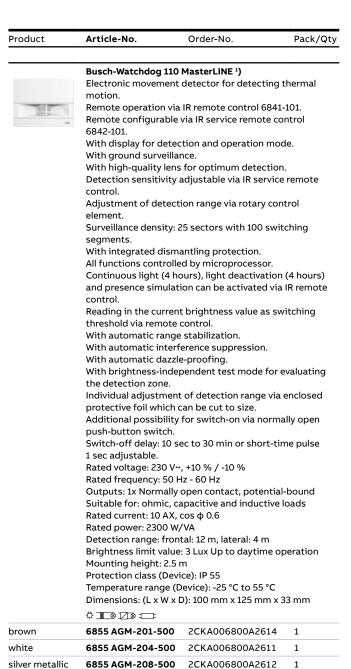
 $[\]dot{^*}$ Optional remote-controllable by IR with 6010-25 or Beo6 remote control of Bang & Olufsen.

			Control element				
	Min d		-	<u> </u>	۵		-
Busch-Watchdog sensor All Weather 44 with combi- lense 6800-3x-102C	Busch-Watchdog comfort sensor (multilens) 6800-xxx- 104(M)	Busch-Watchdog standard sensor 6810-21x	Busch-Remote control IR control element 6067-xxx-xxx	Busch-Remote control IR control element 6066-xxx-xxx	Busch-Blind control II control element 6430-xxx-xxx	Control Element for Memory 2gang Dimmer 6545-xxx	Busch-Touch dimmer control element 6543-xxx-10x
X (only 6401 U-102 for outdoor use, frost- proof up to -25°C)	x	X	X*) (latching relay)				X (latching relay)
	X (Output 2 with switch-on/ switch-off delay in relation to Output 1)	X (Output 2 with switch-on/ switch-off delay in relation to Output 1)	X*) (latching relay, 2 normally open contacts, separate slave contact for light and fan control)	X*) (electronic serial switch, remote- controllable, 2 normally open contacts)	X (electronic serial switch, 2 normally open contacts)		X (latching relay, 2 normally open contacts, separate slave contact for light and fan control)
	X	X					
	x	x					
	х	х					
	X (Soft OFF mode: dim down/switch off within the final minute/switch- off warning)	x		х			x
				х			х
х	x	x		х			х
						X	
							х
					х		
				х	x		

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
AC 2.	motion. With display for d With ground surve With high-quality Adjustment of de element. Surveillance densi segments. With integrated d With brightness-i the detection zon Additional possib push-button swit Switch-off delay or Rated voltage: 23 Rated frequency: Outputs: 1x Norm Suitable for: ohmi Rated current: 6 A Rated power: 1381 Detection range: 18 Brightness limit v Mounting height: Protection class (Temperature range	etection and operation eillance. lens for optimum detection range via rotary ity: 25 sectors with 100 ismantling protection. Independent test mode e. illity for switch-on via nuch. option: 1 / 3 or 5 min. ov, +10 % / -10 % 50 Hz - 60 Hz ally open contact, pote ic, capacitive and induction, copy of the contact of the con	mode. ction. ction. control switching for evaluating ormally open ntial-bound tive loads ne operation
brown	© □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	00 2CKA006800A25	549 1
white	6854 AGM-201-5		-
silver metallic			
	6854 AGM-208-5		
anthracite	6854 AGM-35-50	an RC suppressor 6899 h	

 $^{^{1)}\}mbox{In combination}$ with a relay/contactor, an RC suppressor $\,$ 6899 $\,$ has to be used.



¹⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

2CKA006800A2613

6855 AGM-35-500

anthracite

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/C
	_	220 MasterLINE 1)	
		nent detector for detec	ting thermal
	motion.	n via ID romata control (6041 101
100	-	n via IR remote control (
PER	6842-101.	able via IR service remo	te control
		detection and operation	n mode
		rear-field detection.	
	•	lens for optimum dete	ction.
		vity adjustable via IR se	
	control.		
	Surveillance dens	sity: 84 sectors with 336	switching
	segments.		
	With integrated of	dismantling protection.	
		trolled by microprocess	
		(4 hours), light deactive	
		nulation can be activate	d via IR remote
	control.		
	•	ırrent brightness value a	as switching
	threshold via rem		
		ange stabilization. nterference suppressior	•
	With automatic o		1.
		independent test mode	for evaluating
	the detection zor	•	TOT CVAIGACITIES
		ment of detection range	e via enclosed
	-	nich can be cut to size.	
	•	oility for switch-on via n	ormally open
	push-button swi	tch.	
	Switch-off delay:	10 sec to 30 min or sho	rt-time pulse
	1 sec adjustable.		
	Rated voltage: 23	30 V~, +10 % / -10 %	
	Rated frequency:		
	•	nally open contact, pote	
		ic, capacitive and induc	tive loads
	Rated current: 16	•	
	Rated power: 368	•	
		frontal: 16 m, lateral: 16	m
	Detection angle:		Daytimo
	operation	value: 0.5 Lux - 300 Lux ,	Daytime
	Mounting height	· 2.5 m	
	Protection class		
		ge (Device): -25 °C to 55	°C
		J, 3 t0 00	-

	↑ 1 □ 12 • ===		
white	6847/11AGM-204-50	00 2CKA006800A2524	1/10
silver metallic	6847/11AGM-208-50	002CKA006800A2525	1
anthracite	6847/11AGM-35-500	2CKA006800A2526	1
brown	6847/11AGM-201-50	02CKA006800A2527	1
	incl. IR remote contro	ol	
	\$] [\$ 2\$:=:		
brown	6847 AGM-201-500	2CKA006800A2535	1
white	6847 AGM-204-500	2CKA006800A2532	1/10
silver metallic	6847 AGM-208-500	2CKA006800A2533	1
anthracite	6847 AGM-35-500	2CKA006800A2534	1/10

Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm

Product	Article-No.	Order-No.	Pack/Q
	Busch-Watchdo	g 220 MasterLINE ¹)	
	incl. IR remote o	ontrol	
	With anthracite-	coloured lens.	
	Electronic move	ment detector for detec	ting thermal
	motion.		
	Remote control	oossible via IR remote co	ontrol 6841-101
	(included in scor	oe of delivery).	
	Remote configu	rable via IR service remo	te control
	6842-101.		
	With display for	detection and operatior	າ mode.
	With ground and	I rear-field detection.	
		y lens for optimum dete	
	Detection sensit	ivity adjustable via IR se	ervice remote
	control.		
		sity: 84 sectors with 336	switching
	segments.		
	_	dismantling protection.	
		trolled by microprocess	
	_	(4 hours), light deactive	
	•	nulation can be activate	d via iR remote
	control.		
	_	urrent brightness value a	as switching
	threshold via rer	range stabilization.	
		3	n
	With automatic	interference suppression	11.
		-independent test mode	for evaluating
	the detection zo		. for evaluating
		ment of detection rang	e via enclosed
	•	hich can be cut to size.	e via criciosca
		bility for switch-on via n	normally open
	push-button swi		, -,
	•	: 10 sec to 30 min or sho	rt-time pulse
	1 sec adjustable.		
	•	30 V~, +10 % / -10 %	
	Rated frequency	: 50 Hz - 60 Hz	
		mally open contact, pote	ential-bound
	Suitable for: ohn	nic, capacitive and induc	ctive loads
	Rated current: 16	i ΑΧ, cos φ 0.6	
	Rated power: 36	80 W/VA	
	Detection range	: frontal: 16 m, lateral: 16	i m
	Detection angle:	220 °	
	Brightness limit	value: 0.5 Lux - 300 Lux	, Daytime
	operation		
	Mounting height		
	Protection class	(Device): IP 55	
	Tamana ana tuni	(Davisa) 25 0C+- 55	- 0.0

 $^{1)}\mbox{In combination}$ with a relay/contactor, an RC suppressor $\,6899\,$ has to be used.

Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm

6847/8 AGM-204-500 2CKA006800A2600

¹⁾In combination with a relay/contactor, an RC suppressor 6899 has to be used.

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
	Dunah Matahahala	. 220 Martaul INF anlast	. 13
	_	J 220 MasterLINE select nent detector for detec	•
	motion.	nent detector for detec	ung thermal
	Remote operatio	n via IR remote control (6841-101.
FE	Remote configur 6842-101.	able via IR service remo	te control
		detection and operation	mode
		lens for optimum dete	
		vity adjustable via IR se	
	control.	Trey adjustable than to	
		sity: 28 sectors with 112	switching
	segments.	,. 20 00000.0 mm. 222	211110111119
	9	dismantling protection.	
	•	trolled by microprocess	or.
		(4 hours), light deactive	
	•	nulation can be activate	
	control.		
		ırrent brightness value a	as switching
	threshold via rem	•	· · · · · · · · · · · · · · · · · · ·
		ange stabilization.	
	With automatic in	nterference suppressior	٦.
	With automatic o		
	With brightness-	independent test mode	for evaluating
	the detection zor	ne.	•
	Individual adjust	ment of detection range	e via enclosed
	protective foil wh	nich can be cut to size.	
	Additional possik	oility for switch-on via n	ormally open
	push-button swi	tch.	
	Switch-off delay:	10 sec to 30 min or sho	rt-time pulse
	1 sec adjustable.		
	Rated voltage: 23	30 V~, +10 % / -10 %	
	Rated frequency:	50 Hz - 60 Hz	
	Outputs: 1x Norn	nally open contact, pote	ntial-bound
	Suitable for: ohm	ic, capacitive and induc	tive loads
	Rated current: 16	AX, cos φ 0.6	
	Rated power: 368	30 W/VA	
	Detection range:	frontal: 16 m, lateral: 16	m
	Detection angle:	220°	
	Brightness limit	alue: 0.5 Lux - 300 Lux ,	Daytime
	operation		
		: 2.5 m - 8 m alternative:	1.1 m
	Protection class	(Device): IP 55	
	Temperature ran	ge (Device): -25 °C to 55	°C
	Dimensions: (L x	W x D): 115 mm x 125 mi	m x 141 mm
	◌◌█████		
vhite	6847 AGS-204-5	00 2CKA006800A25	537 1

¹⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

Product	Article-No.	Order-No.	Pack/Qty
			,,
-	Busch-Watchdog 220	MasterLINE premium	1) 2)
	incl. IR remote contro	-	, ,
	Electronic movement	detector for detecting	thermal
	motion.		
(FEE)	For potential-free ope		
		n and 2 separate switch	ing
	outputs.	vement-independent t	wiliaht
	switching operation.	wement-independent t	wingric
	• •	ble via IR remote contro	ol 6841-101
	(included in scope of	delivery).	
	•	via IR service remote co	ontrol
	6842-101.		
		tion and operation mo	ae.
	With ground and rear	: for optimum detection	n
		adjustable via IR servic	
	control.	,	
	Surveillance density: 9	91 sectors with 364 swi	tching
	segments.		
	With integrated dism		
	All functions controlle	ed by microprocessor. ours), light deactivatior	(4 hours)
	•	ion can be activated via	
	control.	ion can be activated vic	in remote
	Reading in the curren	t brightness value as sv	witching
	threshold via remote	control.	
	With automatic range		
	With automatic interf		
	With automatic dazzle	e-proofing. pendent test mode for	evaluating
	the detection zone.	pendent test mode for	evaluating
		of detection range via	enclosed
	protective foil which o	_	
	Additional possibility	for switch-on via norm	ally open
	push-button switch.		
	-	ec to 30 min or short-ti	me pulse
	1 sec adjustable. Rated voltage: 230 V~	+10 % / -10 %	
	Rated frequency: 50 H		
	•	open contact, potentia	l-bound
	Suitable for: ohmic, ca	apacitive and inductive	loads
	Rated current: 10 AX,	•	
	Rated power: 2300 W		
		ts: 1, Normally open co	ntact,
	potential free Rated power: 0.12 - 23	200 W/VA	
	Detection range: fron		
	Detection range 2: fro		
	Detection angle: 220 °		
	•	: 0.5 Lux - 300 Lux , Day	rtime
	operation		
	Mounting height: 2.5		
	Protection class (Devi	ice): IP 55 Device): -25 °C to 55 °C	
	, ,	D): 115 mm x 125 mm x :	141 mm
	\$ 1 2 2 3 3	,	
brown		3CK V006000 V3E04	
brown	6848 AGM-201-500	2CKA006800A2581	1
white	6848 AGM-204-500	2CKA006800A2578	1

nthracite 6848 AGM-35-500 2CKA006800A2580 1

2CKA006800A2579

6848 AGM-208-500

silver metallic

¹⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.
²⁾ For the activation of additional functions (twilight switch/floating/2-zone operation), the IR service remote control 6842-101 is required.

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty			
	Busch Watch day	200 Magtari INE I				
	Busch-Watchdog 280 MasterLINE ¹) incl. IR remote control					
	Electronic movement detector for detecting thermal					
	motion.	ient detector for detect	ing thermal			
William I	Remote control possible via IR remote control 6841-101					
	(included in scope		1111010041-101			
	•	Remote configurable via IR service remote control				
	6842-101.					
		etection and operation	mode.			
		rear-field detection.				
	•	lens for optimum detec	ction.			
		vity adjustable via IR se				
	control.	, ,				
	Surveillance density: 110 sectors with 440 switching					
	segments.		•			
	With integrated dismantling protection.					
	All functions controlled by microprocessor.					
	Always-On (4 hou	Always-On (4 hours) and Presencesimulation can be				
	activated via IR-remote control.					
	Reading in the cu	Reading in the current brightness value as switching				
	threshold via rem	threshold via remote control.				
	With automatic range stabilization.					
	With automatic interference suppression.					
	With automatic dazzle-proofing.					
	With brightness-independent test mode for evaluating					
	the detection zone.					
		Individual adjustment of detection range via enclosed				
	•	ich can be cut to size.				
	•	ility for switch-on via n	ormally open			
	push-button swit					
		10 sec to 30 min or sho	rt-time pulse			
	•	1 sec adjustable.				
	_	0 V~, +10 % / -10 %				
	Rated frequency:		ntial bound			
	Outputs: 1x Normally open contact, potential-bound Suitable for: ohmic, capacitive and inductive loads					
	Rated current: 16	•	tive loads			
	Rated current: 167					
	•	•	m			
	Detection range: frontal: 16 m, lateral: 16 m					
	Detection angle: 280 °					
	-	Brightness limit value: 0.5 Lux - 300 Lux , Daytime				
	operation					
	Mounting height: 2.5 m Protection class (Device): IP 55					
	Protection class (Device): IP 55					
		Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm				
	· ·	w ∨ ∩): 113 HIIII X 153 HII	II V T#T IIIIII			
hroun		00 300,000,000,000				
brown	6867 AGM-201-5					
white	6867 AGM-204-5	00 2CKA006800A25	554 1/10			

¹⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

6867 AGM-35-500

6867 AGM-208-500 2CKA006800A2555

2CKA006800A2556

silver metallic

Product	Article-No.	Order-No.	Pack/Qty
	Wireless movement motion. With display for or with ground and With high-quality. Surveillance dens segments. With integrated of All functions con With automatic or With autom	pattery monitoring. fe: typically 5 years, there enance-free. independent test mode f ne. ment of detection range nich can be cut to size. a switch actuator WaveLIN 701-101. WaveLINE KNX gateway and group operation. 3 min. (single mode), incuator (group mode). 868 MHz. approx. 100 m. 5 V- frontal: 16 m, lateral: 16 n 220 ° value: 0.5 Lux - 300 Lux , I	cation. tion. switching r. efore for evaluating via enclosed NE, 1gang, with TP-RF 6770. dividually
hroun	· · · · · · · · · · · · · · · · · · ·	W x D): 115 mm x 125 mm	
brown	6747 AGM-201-5		
alpine white	6747 AGM-204-5		
silver metallic	6747 AGM-208-	2CKA006700A003	36 1

anthracite

6747 AGM-35-500

2CKA006700A0037

¹⁾ Battery included in delivery. ²⁾ Battery type: Lithium batteries 1250 mAh (L92 AAA 1.5 V). ³⁾ Cannot be comnined with ceiling/corner adapter 6868-...

Product

Article-No.

anthracite

Movement detector

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
	Electronic movem motion. With display for divith ground and right plant comp With high-quality Surveillance densi segments. With brightness-in the detection zon Additional possib push-button switch-off delay or Rated voltage: 230 Rated frequency: Outputs: 1x Norm Suitable for: ohmi Rated current: 16 Rated power: 368 Detection range: Detection angle: Sirightness limit with Mounting height: Protection class (I Temperature range)	lens for optimum detection ty: 50 sectors with 200 swindependent test mode for e.e. illity for switch-on via norm ch. ption: 1 / 3 or 5 min. 0 V~, +10 % / -10 % 50 Hz - 60 Hz ally open contact, potentia c, capacitive and inductive AX, cos \$\phi\$ 0.6 0 W/VA frontal: 12 m, lateral: 6 m 10 ° alue: 3 Lux / 15 lux / daytim 2.5 m	de. n. itching evaluating ally open I-bound loads
brown	6853 AGM-201	2CKA006800A2318	1
alpine white	6853 AGM-204-5	00 2CKA006800A2321	1/10

6853 AGM-35-500

 $^{1)}$ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

2CKA006800A2322 1

	Busch-Watchdog 220 without IR remote co	•			
	Electronic movement detector for detecting thermal motion.				
schrool of the last	With display for detection and operation mode.				
	With ground and rear-field detection.				
	With planar compensation: +/- 30°.				
	With high-quality lens	for optimum detection.			
	Detection sensitivity	selectable in 3 steps.			
	Surveillance density: 8 segments.	34 sectors with 336 switc	ching		
	All functions controlle	d by microprocessor.			
	Always-On (4 hours) a	nd Presencesimulation o	an be		
	activated via IR-remot	e control.			
	With automatic range	stabilization.			
	With automatic interf	erence suppression.			
	With automatic dazzle-proofing.				
	With brightness-independent test mode for evaluating				
	the detection zone.				
	Additional possibility for switch-on via normally open				
	push-button switch.				
	Switch-off delay: 10 sec to 30 min or short-time pulse				
	1 sec adjustable.				
	Rated voltage: 230 V~	, +10 % / -10 %			
	Rated frequency: 50 H				
	Outputs: 1x Normally open contact, potential-bound				
	Suitable for: ohmic, capacitive and inductive loads Rated current: 16 AX, cos ϕ 0.6				
	Rated power: 3680 W/VA				
	Detection range: frontal: 16 m, lateral: 16 m				
	Detection angle: 220 °				
	Brightness limit value: 0.5 Lux - 300 Lux , Daytime				
	operation				
	Mounting height: 2.5 r	n			
	Protection class (Devi	ce): IP 55			
	Temperature range (D	evice): -25 °C to 55 °C			
	Dimensions: (L x W x I	D): 97 mm x 97 mm x 159	mm		
	ث⊐⊏≬≠□≕				
alpine white	6845/11AGM- 204-500	2CKA006800A2334	1/10		
brown	6845/11AGM-201-50	0 2CKA006800A2335	1		
anthracite	6845/11 AGM-35-50	0 2CKA006800A2336	1		

Order-No.

Pack/Qty

¹⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qt
	Wayol INE audah	actuator Igang with	ovtoncion ··nit 1\
1		actuator, 1gang, with e ching of electrical loads	
1000		io control: ON/OFF, tim	
Continue	scene control.	10 control. On, on i, thi	ici ana ngiit
oliofra		extension unit: ON/OF	F, timer and
	sending a radio c		•
	_	ossible via conventiona	l push-buttons
	(2020 US, 2012/6	UK).	
	Actuation of the	extension unit (via con	entional push-
		ne output to switch and	d a radio control
	telegram to be se		
		nsion unit in ON/OFF f	
	_	g of an ON/OFF telegra	
	an ON telegram.	nsion unit in timer fund	ction: Sending of
	For Busch-Watch	dog Wavel INF	
		transmitter Waveline 6	5731-xxx. 6732-
	xxx und 6733-xxx.		,
	For remote contro	ol WaveLINE 6780.	
	For one WaveLINE	6720-6x window sens	or per actuator
	output (no OR fur	nction of the programn	ned detectors).
	For one WaveLINE	6721-6x universal dete	ector per
		no OR function of the p	orogrammed
	detectors).		
	•	WaveLINE KNX gateway	
		Adjustable to 5 second	15, 1-5-15
	minutes.	n can be activated for e	vtended range
	•	chment or installation.	_
		(neutral conductor red	
		(deep) flush-mounted	•
		I DIN 49073, Part 1.	
	Controllable up to	32 transmission addr	esses.
	Send/receive free	quency: 868 MHz.	
	Free-field range: a	approx. 100 m.	
		Adjustable potentiome	
		Status indication of o	utput via LED.
	_	0 V~, +10 % / -10 %	
	Rated frequency:	50 HZ	
	Inputs: 1	30 V~, Sensing pulse, L	-wire
		ally open contact, pote	
	Suitable for: Resis		oneia. Doana
	Rated current: 10	A	
	Output voltage: 2	30 V~	
	Rated power: 230	0 W	
	Suitable for: capa	citive	
	Rated current: 10	AX	
	Output voltage: 2		
	Rated power: 230		
	Suitable for: indu		
	Rated current: 10	, I	
	Output voltage: 2		
	Rated power: 230		
	Protection class (pevice): IP 20 ge (Device): -20 °C to 4!	5 °C
		ge (Device): -20 °C to 4: W x D): 47 mm x 48 mm	
	Mounting depth:	•	

¹⁾ For further information please check the current Online-Catalogue.

2CKA006700A0040

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6701-101-500





Busch-Watchdog Presence tech BasicLINE 1)

Electronic movement detector for detecting thermal motion. Additional possibility for switch-on via normally

open push-button switch. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 1000 W

Suitable for: 230 V halogen lamps Rated power: 2000 W

Suitable for: Fluorescent lamps

Rated power: 1000 W Detection range: frontal: 12 m, lateral: 12 m

Detection angle: 240 °

Brightness limit value: 10 Lux - 200 Lux , Daytime

operation

Mounting height: 2.5 m

Protection class (Device): IP 55

Temperature range (Device): -20 $^{\circ}$ C to 40 $^{\circ}$ C Dimensions: (L x W x D): 95 mm x 76 mm x 118 mm

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alpine white **6844 AGM-204-500** 2CKA006800A2507

 $^{\mbox{\tiny 1)}}$ In combination with a relay/contactor, an RC suppressor $\,$ 6899 $\,$ has to be used.



Ceiling/corner adapter

For Busch-Watchdog 220 MasterLINE.

For Busch-Watchdog 220 MasterLINE select. For Busch-Watchdog 220 MasterLINE premium.

For Busch-Watchdog 280 MasterLINE.

For Busch-Watchdog 220 MasterLINE KNX.

For Busch-Watchdog 220 MasterLINE KNX premium.
For detection on two sides of the house, in combination

with Busch-Watchdog 280.

For ceiling mounting of the Busch-Watchdog. To increase the inclination of the Busch-Watchdog 220/280. It is mounted at the corner of the house, on

the wall or under the ceiling. For flush or surface wiring. Mounting height: 2.5 m

Dimensions: (L x W x D): 102 mm x 125 mm x 55 mm

		<u> </u>		
anthracite	6868-35-500	2CKA006800A2564	1	
silver metallic	6868-208-500	2CKA006800A2563	1	
white	6868-204-500	2CKA006800A2562	1	
brown	6868-201-500	2CKA006800A2565	1	



IR remote control 1)

For Busch-Watchdog 110 MasterLINE.

For Busch-Watchdog 220 MasterLINE.

For Busch-Watchdog 220 MasterLINE select.

For Busch-Watchdog 220 MasterLINE premium.

For Busch-Watchdog 280 MasterLINE.

The following functions can be activated:

Activating/deactivating light ON for 4 hours.

Activating/deactivating light for 4 hours.

Activating/deactivating presence simulation.

Setting / resetting current brightness value as limit

value to device settings.

With coded transmission signal.

Power supply: lithium button cell battery Type CR2025.

2CKA006800A2585

Battery life: typically 2 years.

Rated voltage: 3 V-

Protection class (Device): IP 40

Temperature range (Device): 0 °C to 45 °C Dimensions: (L x W x D): 86 mm x 40 mm x 7 mm

6841-101-500

1) Battery included in delivery.

Busch-Watchdog, surface-mounted

Presence detector

Product Article-N	. Order-No.	Pack/Qty F	Product	Article-No.	Order-No.	Pack/Qty
For Busch For Bu	class (Device): IP 40 re range (Device): 0 °C to 4 s: (L x W x D): 125 mm x 56	select. premium. be activated hours. urs. uulation. s value as limit ote control. witch-off. tion. mode. ch operation. me pulse. sery Type CR2025.		For switching lig brightness and n Detection range diameter). Low mounting he concept. Continuously var With brightness-the detection of Ceiling installatic Surveillance dens segments. Switch-off delay: pulse adjustable. Rated voltage: 23 Rated frequency: Outputs: 1x Norn Suitable for: 230 Rated power: 200 Suitable for: Enel Rated power: 7 - Suitable for: Fluo Rated current: 4, Rated power: 100 Detection angle:	(installation height 3m, eight due to separate seriable detection sensitivindependent test mode ne. lisplay in test mode. on using integrated sprisity: 19 sectors with 76 sec	up to 6m in ensor/actuator vity. e for evaluating ing bracket. switching or short-time ential-bound

¹⁾ When mounting the actuator through the drilled hole of the sensor an installation depth of ≥ 205 mm is to be taken into account.

2) In combination with a relay/contactor, an RC suppressor 6899 has to be used.

2CKA006800A2517

Pack/Qty

◊◩▧◨▧▭ 6811 EB-500

alpine white

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
		Presence tech BasicLIN	
		nting systems that depe	end on
	brightness and m	iovement. (for installation height c	of 2 m) circular
	up to 8 m in diam		or 5 m), circular,
	•	ric and fully automatic o	neration
		tion/deactivation possi	•
	pushbutton inpu	· ·	bility till odgil
		e detection range possil	ble using the
	included masking	• .	5.c u5g uc
		independent test mode	for evaluating
	the detection zor	•	
	With detection d	splay in test mode.	
		ility in combination with	n built-in
	installation boxe	and device sockets.	
	Ceiling installation	n using integrated spri	ng bracket.
	Adjustment elem	ents accessible on the f	ront side.
	Low mounting he	eight (31 mm)	
	Surveillance dens segments.	ity: 32 sectors with 128	switching
	Switch-off delay:	approx. 5 sec - 30 min c	or short-time
	pulse adjustable.		
	•	0 V~, +10 % / -10 %	
	Rated frequency:		
	·	nally open contact, pote	ntial-bound
		V incandescent lamps	
	Rated power: 200 Suitable for: Ener		
	Rated power: 7 - 4		
	Suitable for: Fluo		
	Rated current: 4	•	
	Rated power: 100		
	Detection angle:		
		value: 10 Lux - 2000 Lux	
	Mounting height:		
	Protection class (
		ge (Device): 0 °C to 45 °C	С
	•	W x D): 111 mm x 111 mn	
	Mounting depth:	41 mm60669-2-1	

¹⁾ The detection range with a central approach is reduced.

6814 U-500

alpine white

2CKA006800A2518

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Busch-Watchdog Presence tech BasicLINE Corridor 1) 2) 3)

For switching lighting systems that depend on brightness and movement.

Detection range (for installation height of 2.5 m, circular, up to 24 m in diameter).

Additional activation/deactivation possibility through pushbutton input.

Adaptation of the detection range possible using the included masking elements.

With brightness-independent test mode for evaluating the detection zone.

With detection display in test mode.

With automatic motion detection.

With automatic sensitivity adaptation.

Mounting possibility in combination with built-in installation boxes and device sockets.

Ceiling installation using included dust protection socket.

Adjustment elements accessible on the front side. Surveillance density: 215 sectors with 860 switching segments.

Switch-off delay: approx. 10 sec - 30 min or short-time pulse adjustable.

Remote control possible via IR service remote control

Use outdoors possible due to combination with surfacemounted housing 6888.

Rated voltage: 230 V~, +10 % / -10 %Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 2000 W

Suitable for: Energy-saving bulbs Rated power: 7 - 400 W Suitable for: Fluorescent lamps Rated current: 4 AX, cos φ 0.5 Rated power: 1000 W/VA Detection angle: 360 °

Brightness limit value: 10 Lux - 2000 Lux

Mounting height: 2 m - 3 m Protection class (Device): IP 40

Temperature range (Device): -20 °C to 45 °C Dimensions: (L x W x D): 110 mm x 110 mm x 70 mm

Mounting depth: 48 mmIEC 60669-2-1

6818 U-500

1) The maximum detection range depends on the mounting site and ambient

³⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.



alpine white

Surface-mounting box

For Busch-Watchdog Presence tech BasicLINE Corridor

2CKA006800A2519

1/18

For surface mounting and increase of the protection type.

Protection class (Device): IP 54

Temperature range (Device): -20 °C to 45 °C Dimensions: (L x W x D): 106 mm x 106 mm x 26 mm

alpine white 6888 2CKA006899A2305

 $^{^{\}mbox{\tiny 2)}}$ In combination with a relay/contactor, an RC suppressor $\,$ 6899 has to be used.

conditions

²⁾ The detection range with a central approach is reduced.

Presence detector

Product	Article-No.	Order-No.	Pack/Qty			
	Protective bask	et				
	For ceiling prese	nce detectors.				
	for Busch-Watch	dog Presence tech (6813-101-	-500),			
	For Busch-Watch	dog Presence tech Dualline 6	813/11-xxx.			
	For Busch-Watch	dog Presence tech BasicLINE	E 6814 U.			
	For Busch-Watch 6818 U.	0010 0.				
	For all Busch-Sm	oke alarm detectors Professi	ionalLINE.			
	For all Busch-Heat alarm detectors ProfessionalLINE.					
	Busch-Smoke alarm detector 6831-84 and 6832-84.					
	Also applicable i	Also applicable in connection with surface-mounted				
	housings 6885-x	housings 6885-xxx and 6888.				
	For Busch-Prese	For Busch-Presence detector mini KNX 6131/20-xxx and				
	6131/21-xxx.	•				
	For Busch-Prese	nce detector KNX 6131/30-xx	x and			
	6131/31-xxx.	•				
	For Busch-Watch	dog Sky KNX 6131/40-24.				
		For Busch-Presence detector Corridor KNX 6131/50-xxx				
	and 6131/51-xxx.					
	Dimensions: (L x W x D): 180 mm x 180 mm x 98 mm					
alpine white	6898	2CKA006899A2304	1/12			

Product Article-No. Order-No. Pack/Qty



Busch-Presence detector Compact, relay 1) 2) 3) 8 metres

Master presence detector with mixed light

measurement.
For switching lighting systems that depend on

With power relays for LED operation.

brightness and movement.

Detection range (for installation height of 3 m): circular Seated persons: up to \emptyset 6.5 m, walking persons: up to \emptyset 8 m.

Extension of the detection range by means of master/slave combination.

Visible height 23 mm.

For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input.

With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible. With brightness-independent test mode for evaluating the detection zone.

With teach-in function of the brightness switching threshold, IR service remote control required.

With detection display in test mode.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 48 sectors with 496 switching segments.

Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.

Remote control possible via IR service remote control 6843.

Suitable for false ceilings with a board thickness from 9 to 25 mm. $\,$

Hole size: Ø 68 mm.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED detection and status indication.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, $\cos \varphi$ 0.9 Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm

Mounting depth: 49 mm60669-2-1

studio white matt	6819/60-24-500	2CKA006800A2733	1	
aluminium silver	6819/60-183-500	2CKA006800A2767	1	

 $^{^{1)}\}mbox{The detection}$ range with a central approach is reduced.

 $^{^{\}rm 2)}$ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

³⁾Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

Presence detector

Product	Article-No.	Order-No.	Pack/Qt
	Busch-Presence	detector Universal, rela	nv 1) 2) 3)
	12 meters	detector Offiversal, rela	9
		detector with mixed lig	ht
	measurement.	detector with mixed ng	
		nting systems that depo	end on
	brightness and m		
	•	for LED operation.	
		for installation height of	of 3 m): circular
	Seated persons: 1 Ø 12 m.	up to Ø 10 m, walking p	ersons: up to
	Extension of the	detection range by mea	ans of master/
	slave combination		
	Visible height 23		
		ic and fully automatic c	•
	Additional activate pushbutton input	tion/deactivation possi t.	bility through
		light/continuous off fu	nction (8 hours)
		elligent extension unit i	
	With brightness-i	ndependent test mode	for evaluating
	the detection zor	ne.	J
	With teach-in fun	ction of the brightness	switching
	threshold, IR serv	rice remote control requ	iired.
	With detection di	splay in test mode.	
	Ceiling installatio	n using integrated spri	ng bracket.
	Twist protection	via additional quick ter	isioning.
	Adjustment elem	ents accessible on the f	ront side.
	Surveillance dens	ity: 72 sectors with 640	switching
	segments.		
	Switch-off delay:	approx. 1 min 30 min.	or short-time
	pulse adjustable.		
	Remote control p 6843.	ossible via IR service re	mote control
	Suitable for false	ceilings with a board th	nickness from
	9 to 25 mm.	J	
	Hole size: Ø 68 m	m.	
		2 controllers for setting	the brightness
		old and switch-off delay	_
	_	: LED detection and sta	
		0 - 230 V~, +10 % / -10 %	
	Rated frequency:		
	Outputs: 1x Norm	ally open contact, pote	ential-bound
	Suitable for: 230	V incandescent lamps	
	Rated power: 230	0 W	
	Suitable for: 230	V~ LEDi	
	Rated power: 200) W/VA	
	Suitable for: Fluo	rescent lamps	
	Rated current: 10		
	Detection angle:	360°	
	Brightness limit v	alue: 5 Lux - 2000 Lux	
	Mounting height:		
	Protection class (Device): IP 40	
	Temperature rang	ge (Device): -5 °C to 45 '	°C
	•	W x D): 94 mm x 94 mm	x 72 mm
	Mounting depth:	49 mm60669-2-1	
		□ :	
tudio white	6819/30-24-500		725 1

	LEDi ੵ Z⊅ → □===================================		
studio white matt	6819/30-24-500	2CKA006800A2735	1
aluminium silver	6819/30-183-500	2CKA006800A2769	1

 $^{^{\}mbox{\tiny 1)}}\mbox{The detection range with a central approach is reduced.}$

Product Article-No. Order-No. Pack/Qty



Busch-Presence detector Compact, e-contact 1) 2) 8 metres

Master presence detector with mixed light measurement.

For switching lighting systems that depend on brightness and movement.

With electronic switch contact for LED operation. Detection range (for installation height of 3 m): circular Seated persons: up to \emptyset 6.5 m, walking persons: up to \emptyset 8 m.

Extension of the detection range by means of master/slave combination.

Visible height 23 mm.

For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input.

With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible. With brightness-independent test mode for evaluating the detection zone.

With teach-in function of the brightness switching threshold, IR service remote control required.

With detection display in test mode.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 48 sectors with 496 switching segments.

Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.

Remote control possible via IR service remote control 6843.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED detection and status indication.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 3 - 200 W Suitable for: 230 V~ LEDi Rated power: 3 - 200 W/VA Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm

Mounting depth: 36 mm60669-2-1



studio white matt	6817/62-24-500	2CKA006800A2737	1	
aluminium silver	6817/62-183-500	2CKA006800A2771	1	

 $^{^{1)}}$ The detection range with a central approach is reduced.

²⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

³⁾Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

²⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

Presence detector

Product	Article-No.	Order-No.	Pack/Qty			
		detector Universal, e-co	ontact 1) 2)			
	12 meters	detector with mixed lig	h+			
	measurement.	detector with mixed hg				
		hting systems that depe	end on			
	brightness and n					
	-	With electronic switch contact for LED operation.				
		(for installation height o				
	Seated persons:	up to Ø 10 m, walking pe	ersons: up to			
	Ø 12 m.					
	Extension of the	detection range by mea	ns of master/			
	slave combinatio					
	Visible height 23					
		tic and fully automatic o	•			
		tion/deactivation possi	bility through			
	pushbutton inpu					
		light/continuous off fur				
		elligent extension unit ir independent test mode				
	the detection zo	•	Tor evaluating			
		nction of the brightness	switching			
		vice remote control requ	•			
		isplay in test mode.				
		on using integrated spri	ng bracket.			
	-	via additional quick ten	_			
	Adjustment elem	nents accessible on the f	ront side.			
	Surveillance dens	sity: 72 sectors with 640	switching			
	segments.					
		approx. 1 min 30 min.	or short-time			
	pulse adjustable					
	-	oossible via IR service re	mote control			
	6843.	99 94 1 1 141				
		e ceilings with a board th	iickness from			
	9 to 25 mm.					
	Hole size: Ø 68 m	2 controllers for setting	the brightness			
		old and switch-off delay	_			
	_	s: LED detection and star				
		.0 - 230 V~, +10 % / -10 %				
	Rated frequency		-			
		nally open contact, pote	ntial-bound			
	•	V incandescent lamps				
	Rated power: 3 -	200 W				
	Suitable for: 230	V~ LEDi				
	Rated power: 3 -	200 W/VA				
	Detection angle:	360°				
	-	value: 5 Lux - 2000 Lux				
	Mounting height					
	Protection class	• •				
	•	ge (Device): -5 °C to 45 °				
		W x D): 94 mm x 94 mm	x 59 mm			
		36 mm60669-2-1				
	LEDi Ç 1200 → 1100					
studio white	6817/32-24-500	2CKA006800A27	739 1			

matt	0817/32-24-300	2CRA000800A2133	1	
aluminium	6817/32-183-500	2CKA006800A2773	1	

¹⁾ The detection range with a central approach is reduced.

Product	Article-No.	Order-No.	Pack/Qty



Busch-Presence detector Corridor, relay 1) 2)

Master presence detector with mixed light measurement.

For switching lighting systems that depend on brightness and movement.

With power relays for LED operation.

Detection range (for installation height of 3 m): rectangular

Walking persons: crosswise to the detector $24 \text{ m} \times 3 \text{ m}$, frontal/lengthways to the detector $14 \text{ m} \times 3 \text{ m}$. Extension of the detection range by means of master/ slave combination.

Mounting height 27 mm.

For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input.

With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible. With brightness-independent test mode for evaluating the detection zone.

With teach-in function of the brightness switching threshold, IR service remote control required.

With detection display in test mode.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 92 sectors with 368 switching segments

Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.

Remote control possible via IR service remote control 6843.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Control element: 2 controllers for setting the brightness

switching threshold and switch-off delay.

Display elements: LED detection and status indication.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, $\cos \phi$ 0.9 Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm

Mounting depth: 49 mm60669-2-1

studio white matt	6819/50-24-500	2CKA006800A2797	1	
aluminium silver	6819/50-183-500	2CKA006800A2799	1	

 $^{^{1)}\}mbox{In combination}$ with a relay/contactor, an RC suppressor $\,$ 6899 $\,$ has to be used.

²⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

²⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

Presence detector

Product	Article-No.	Order-No.	Pack/Qty				
	Busch-Presence	detector Universal BT, r	relay 1) 2) 3) 4)				
	12 meters						
		detector with mixed ligh					
		nting systems that dep	end on				
	brightness and m						
		With Bluetooth interface for parameterization and					
	•	operation. Adjustment of all setting options via smartphone or tablet.					
	Light control via	smartphone or tablet a	pp.				
		for LED operation.					
		for installation height of					
	·	up to Ø 10 m, walking po n of the detection range	•				
		nbination. Visible heigh	•				
	•	tic, comfort and fully a					
	operation. Additi	onal activation/deactiv	ation possibility				
	through pushbut	•					
		light/continuous off fui elligent extension unit i					
		•					
	•	With selectable presence simulation in case of non- presence. With integrated storage of ON period (energy					
		ightness-independent					
	evaluating the de						
		ction of the brightness	•				
		rice remote control requ splay in test mode.	iirea.				
		n using integrated spri	ng bracket.				
	•	via additional quick ter	•				
	Adjustment elem	ents accessible on the f	front side.				
		ity: 72 sectors with 640) switching				
	segments.	ation and adjustment	of consitivity of				
	individual deactiv	ation and adjustment of	or sensitivity or				
		approx. 1 min 30 min.	or short-time				
	pulse adjustable.						
		ynamic switch-off dela					
		ceilings with a board th	nickness from				
	9 to 25 mm. Hole size: Ø 68 m	m					
		iii. 2 controllers for setting	the brightness				
		old and switch-off delay					
		: LED detection and sta					
		0 - 230 V~, +10 % / -10 %	6				
	Rated frequency:		امسيما امتعما				
		nally open contact, pote V incandescent lamps	entiai-bound				
	Rated power: 230						
	Suitable for: 230						
	•	Rated power: 200 W/VA					
		Suitable for: Fluorescent lamps					
	Rated current: 10 Detection angle:	•					
	_	alue: 5 Lux - 2000 Lux					
	Mounting height:						
	Protection class (Device): IP 40					
		ge (Device): -5 °C to 45 °					
		W x D): 94 mm x 94 mm	x 72 mm				
	Mounting depth:						
	⋙ Bluetooth AP	P LEDi 🌣 🗷 🗷 💳					
studio white	6819/31-24-500	2CKA006800A2	741 1				

studio white matt	6819/31-24-500	2CKA006800A2741	1	
aluminium	6819/31-183-500	2CKA006800A2775	1	

¹⁾ The detection range with a central approach is reduced.

Product Article-No. Order-No. Pack/Qty



Ø 12 m.

Busch-Presence detector Universal BT, e-contact 1) 2) 3) 12 meters

Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement.

With Bluetooth interface for parameterization and operation.

Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. With electronic switch contact for LED operation. With selectable soft ON/OFF function. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to

Extension of the detection range by means of master/slave combination. Visible height 23 mm.

For semi-automatic, comfort and fully automatic operation. Additional activation/deactivation possibility through pushbutton input.

With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible. With selectable presence simulation in case of non-presence. With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone.

With teach-in function of the brightness switching threshold, IR service remote control required. With detection display in test mode.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 72 sectors with 640 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors possible.

Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.

With selectable dynamic switch-off delay.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED detection and status indication.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 3 - 200 W Suitable for: 230 V~ LEDi Rated power: 3 - 200 W/VA Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm

Mounting depth: 36 mm60669-2-1

	Bluetooth APP LI	EDI 🌣 🗷 🗷 🗷	
studio white matt	6817/33-24-500	2CKA006800A2743	1
aluminium silver	6817/33-183-500	2CKA006800A2777	1

 $^{^{\}mbox{\tiny 1)}}\mbox{The detection range with a central approach is reduced.}$

 $^{^{2)}\,\}mbox{In combination}$ with a relay/contactor, an RC suppressor $\,6899\,$ has to be used.

³⁾ Free app for iOS and Android available in the App Store or Play Store.

⁴⁾Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

Presence detector

Product Article-No. Order-No. Pack/Qty Product Article-No. Order-No.



Busch-Presence detector Universal BT, e-contact with sealing ring ¹) ²) ³)

12 meters

Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With Bluetooth interface for parameterization and operation. Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. With electronic switch contact for LED operation. With selectable soft ON/OFF function.

Detection range (for installation height of 3 m): circular

Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Extension of the detection range by means of master/slave combination. Visible height 23 mm. For semi-automatic, comfort and fully automatic operation.

Additional activation/deactivation possibility through pushbutton input.

With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible. With selectable presence simulation in case of nonpresence.

With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone.

With teach-in function of the brightness switching threshold, IR service remote control required. With detection display in test mode.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 72 sectors with 640 switching

segments. Individual deactivation and adjustment of sensitivity of individual sensors possible.

Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.

With selectable dynamic switch-off delay.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED detection and status indication.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 3 - 200 W Suitable for: 230 V~ LEDi Rated power: 3 - 200 W/VA Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m
Protection class (Device): IP 41

Temperature range (Device): -5 $^{\circ}$ C to 45 $^{\circ}$ C Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm

Mounting depth: 36 mm60669-2-1



alpine white	6817/93-204-500	2CKA006800A2803	1	
aluminium silver	6817/93-183-500	2CKA006800A2805	1	

¹⁾ The detection range with a central approach is reduced.



Busch-Presence detector Corridor BT, relay 1) 2) 3)

Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With Bluetooth interface for parameterization and operation. Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. With power relays for LED operation.

Pack/Qty

Detection range (for installation height of 3 m): rectangular

Walking persons: crosswise to the detector $30 \text{ m} \times 3 \text{ m}$, frontal $20 \text{ m} \times 3 \text{ m}$.

Extension of the detection range by means of master/slave combination.

Mounting height 27 mm.

For semi-automatic, comfort and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible. With selectable presence simulation in case of non-presence. With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone.

With teach-in function of the brightness switching threshold, IR service remote control required.

With detection display in test mode. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side.

Surveillance density: 92 sectors with 368 switching segments

Individual deactivation and adjustment of sensitivity of individual sensors possible.

Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.

With selectable dynamic switch-off delay.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

 $\label{eq:detection} \mbox{Display elements: LED detection and status indication.}$

Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V incandescent lamps

Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, $\cos \phi$ 0.9 Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

O Divers of a ADD LED.

Temperature range (Device): -5 °C to 45 °C
Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm

Mounting depth: 49 mm60669-2-1

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studio white matt	6819/51-24-500	2CKA006800A2745	1	
aluminium silver	6819/51-183-500	2CKA006800A2779	1	

¹⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

Pack/Qty

Movement detector

Presence detector

Product Article-No. Order-No. Pack/Qty

> Busch-Presence detector Universal BT, DALI 1) 2) 3) 4) 12 meters Master presence detector with mixed light measurement. For regulating and switching of DALI operating devices that depend on brightness and movement.
> For DALI broadcast operation (central telegram).
> Supplies the required voltage for additional DALI

operating units and controllers. Suitable for up to 45 DALI operating devices. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8). Colour temperature can then be set between 2,700 K - 6,500 K.

With additional switching output for the activation of heating, air conditioning and ventilation or for switching additional loads (e.g. panel light). Configuration possible up to the complete deactivation of the DALI operating devices.

With Bluetooth interface for parameterization and operation.

Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app.

Detection range (for installation height of 3 m): circular

Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Extension of the detection range by means of master/slave combination. Visible height 23 mm.

For semi-automatic, comfort and fully automatic operation.

Additional activation/deactivation possibility through pushbutton input. With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.

With time-controlled basic illumination function.

With selectable warm-up function for fluorescent lamps.

With 2-step automatic switch-off (according to EnEV / EN 15232). With time-controlled night anti-glare function.

With selectable presence simulation in case of non-presence.
With integrated storage of ON period (energy monitor).
With brightness-independent test mode for evaluating the detection zone. With teach-in function of the brightness switching threshold, IR service remote control required.

With detection display in test mode.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning.

Adjustment elements accessible on the front side.

Surveillance density: 72 sectors with 640 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors

Switch-off delay: approx. 1 min. - 30 min. adjustable.

With selectable dynamic switch-off delay. Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Control element: 2 controllers for setting the brightness switching

threshold and switch-off delay.
Display elements: LED detection and status indication.

Display elements: LED detection and status indicated Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps

Rated power: 1380 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 6 AX, cos φ 0.9

Control/Signal outputs: 1, DALI channels, independent Rated current: 100 mA Output voltage: 16 V-

Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 83 mm

Mounting depth: 60 mm60669-2-1

Bluetooth APP				
studio white matt	6819/35-24-500	2CKA006800A2747	1	
aluminium silver	6819/35-183-500	2CKA006800A2781	1	

¹⁾ The detection range with a central approach is reduced.



Product

Busch-Presence detector Corridor BT, DALI 1) 2) 3) 30 metres

Order-No.

Master presence detector with mixed light

For regulating and switching of DALI operating devices that depend on brightness and movement. For DALI broadcast operation (central telegram). Supplies the required voltage for additional DALI

operating units and controllers. Suitable for up to 45 DALI operating devices. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6,500 K.

With additional switching output for the activation of heating, air conditioning and ventilation or for switching additional loads (e.g. panel light). Configuration possible up to the complete deactivation of the DALI operating devices.

With Bluetooth interface for parameterization and operation.

Article-No.

Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. Detection range (for installation height of 3 m): rectangular

Walking persons: crosswise to the detector $30 \, \text{m} \times 3 \, \text{m}$, frontal $20 \, \text{m} \times 3 \, \text{m}$. Extension of the detection range by means of master/slave combination. Mounting height 27 mm.

For semi-automatic, comfort and fully automatic operation.

Additional activation/deactivation possibility through pushbutton input. With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.

With time-controlled basic illumination function.

With selectable warm-up function for fluorescent lamps.

With 2-step automatic switch-off (according to EnEV / EN 15232). With time-controlled night anti-glare function.

With selectable presence simulation in case of non-presence.

With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone. With teach-in function of the brightness switching threshold, IR service remote control required.

With detection display in test mode.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side

Surveillance density: 92 sectors with 368 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors

Switch-off delay: approx. 1 min. - 30 min. adjustable.

With selectable dynamic switch-off delay.
Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Control element: 2 controllers for setting the brightness switching

threshold and switch-off delay.
Display elements: LED detection and status indication.

Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps

Rated power: 1380 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 6 AX, cos φ 0.9

Control/Signal outputs: 1, DALI channels, independent Rated current: 100 mA Output voltage: 16 V-

Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 87 mm

Mounting depth: 60 mm60669-2-1

Bluetooth APP DALI EDI □ □ □ □ □ □ □ □ □ □ □				
studio white matt	6819/55-24-500	2CKA006800A2749	1	
aluminium silver	6819/55-183-500	2CKA006800A2783	1	

¹⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

²⁾ In combination with a relay/contactor, an RC suppressor 6899 has to be used.

³⁾ Free app for iOS and Android available in the App Store or Play Store.

⁴⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

Presence detector

Product	Article-No.	Order-No.	Pack/Qty		
	Busch-Presence o	letector Compact, slave	<u>1) 2)</u>		
	8 metres	,	.,		
	Slave presence detector for extension of the detect				
	range of master p	resence detectors.			
	Detection range (for installation height of 3 m): circular				
	Seated persons: u	ıp to Ø 6.5 m, walking pe	ersons: up to		
	Ø 8 m.				
	Visible height 23 mm.				
	Ceiling installation using integrated spring bracket.				
	Twist protection via additional quick tensioning.				
	Surveillance density: 48 sectors with 496 switching				
	segments.				
		Suitable for false ceilings with a board thickness from			
	9 to 25 mm.				
	Hole size: Ø 68 mm.				
	Rated voltage: 110 - 230 V~, +10 % / -10 %				
	Rated frequency: 50 Hz - 60 Hz				
	Detection angle: 360 ° Mounting height: 2 m - 4 m				
	Protection class (Device): IP 40				
	Temperature range (Device): -5 °C to 45 °C				
		Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm			
	X 12 11111				
studio white matt	6819/68-24-500	2CKA006800A27	51 1		
aluminium	6819/68-183-50	2CKA006800A27	85 1		

¹⁾ The detection range with a central approach is reduced.

²⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg



Busch-Presence detector Universal, slave 1) 2)

Slave presence detector for extension of the detection range of master presence detectors.

Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.

Visible height 23 mm.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Surveillance density: 72 sectors with 640 switching seaments.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Detection angle: 360 ° Mounting height: 2 m - 4 m

Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm

	Mounting depth: 49 mm			
studio white matt	6819/38-24-500	2CKA006800A2753	1	
aluminium	6819/38-183-500	2CKA006800A2787	1	

¹⁾ The detection range with a central approach is reduced.

Product	Article-No.	Order-No.	Pack/Qty



Busch-Presence detector Corridor, slave 1)

Slave presence detector for extension of the detection range of master presence detectors.

Detection range (for installation height of 3 m):

Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector $14 \text{ m} \times 3 \text{ m}$.

Mounting height 27 mm.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Surveillance density: 92 sectors with 368 switching seaments.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz Detection angle: 360 ° Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm

Mounting depth: 49 mm

studio white matt	6819/58-24-500	2CKA006800A2755	1
aluminium silver	6819/58-183-500	2CKA006800A2789	1

¹⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg



Busch-Presence detector Universal, slave, DALI 1) 2)

DALI slave presence detector for extension of the detection range of DALI master presence detectors. For the supply of operating voltage via the DALI master. Power consumption on the DALI bus: max. 10 mA, corresponds to approx. 5 DALI operating devices. The communication with the DALI master is carried out

Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.

Visible height 23 mm.

via the DALI interface.

Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Surveillance density: 72 sectors with 640 switching segments.

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm. Rated voltage: 95 - 22.5 V-

Detection angle: 360 ° Mounting height: 2 m - 4 m

Protection class (Device): IP 40

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm

Mounting depth: 49 mm

DALI

studio white matt	6819/39-24-500	2CKA006800A2759	1	
aluminium silver	6819/39-183-500	2CKA006800A2793	1	

¹⁾ The detection range with a central approach is reduced.

²⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

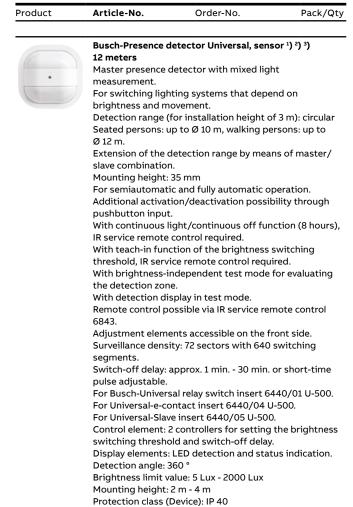
²⁾ Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

Presence detector

Product	Article-No.	Order-No.	Pack/Qty		
Product	Busch-Presence of 30 metres DALI slave preser detection range of For the supply of Power consumpt corresponds to a The communicativa the DALI interdetection range rectangular Walking persons: frontal/lengthwa Mounting height Ceiling installatic Twist protection Surveillance densisegments.	detector Corridor, slave once detector for extension of DALI master presence operating voltage via the ion on the DALI bus: ma pprox. 5 DALI operating ion with the DALI master face. (for installation height of crosswise to the detect by to the detector 14 m 27 mm. on using integrated spring via additional quick ten sity: 92 sectors with 368 ceilings with a board the	e, DALI ') on of the e detectors. ne DALI master. x. 10 mA, devices. r is carried out of 3 m): tor 24 m x 3 m, x 3 m. ng bracket. sioning. switching		
	Rated voltage: 95 - 22.5 V- Detection angle: 360 ° Mounting height: 2 m - 4 m Protection class (Device): IP 40 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm Mounting depth: 49 mm				
	DALI				
studio white matt	6819/59-24-500	2CKA006800A27	761 1		
aluminium	6819/59-183-50	0 2CKA006800A27	795 1		

¹⁾Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

silver



DIN EN 60669-2-1

6813-24-102-500

6813-183-102-500

³⁾ Please order the respective flush-mounted insert separately.



studio white

matt aluminium

silver

Busch-Presence detector Universal, decor frame 1)

2CKA006800A2861

2CKA006800A2863

1

Temperature range (Device): -5 $^{\circ}$ C to 45 $^{\circ}$ C Dimensions: (L x W x D): 94 mm x 94 mm x 43 mm

Paintable decor frame for individual design.
For presence detectors with Compact and Universal

For latching onto the presence detector.

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 94 mm x 94 mm x 23 mm

studio white **6889/30-24-500** 2CKA006800A2765 10 matt

¹) The detection range with a central approach is reduced.

 $^{^{2)}\}mbox{The range specifications refer to an ambient temperature of 21 °C.$

 $^{^{\}rm D}{\rm The}$ decor frame included in the scope of delivery of the presence detector must be removed before mounting.

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
		etector Corridor, decor f	rame ¹)
		ne for individual design.	
	· ·	or with Corridor lens.	
		e presence detector.	
	Temperature range	(Device): -5 °C to 45 °C	
	Dimensions: (L x W)	(D): 94 mm x 94 mm x 27	' mm
studio white	6889/50-24-500	2CKA006800A2801	10

 $^{^{\}rm D}{\rm The}$ decor frame included in the scope of delivery of the presence detector must be removed before mounting.



Busch extension unit coupling 1)

For transmitting different control commands via a single conductor wire.

For devices with intelligent extension input. For operation via conventional push-buttons 2020 US

and 2021/6 U.
For operation via conventional 2gang push-buttons

For operation via conventional 2gang push-buttons 2020 US-205 and 2021/6/6 U.

For universal attachment or installation.

For installation in (deep) flush-mounted boxes to German Standard DIN 49073, Part 1.

Including compact connecting terminal for cable connection.

Cable length: approx. 80 mm.

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Inputs: 2

Protection class (Device): IP 20

Temperature range (Device): -5 $^{\circ}$ C to 45 $^{\circ}$ C Dimensions: (L x W x D): 33 mm x 45 mm x 8.5 mm

6494-500 2CKA006499A0002 1

¹⁾To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

Product	Article-No.	Order-No.	Pack/Qty
	Busch Duscouse	data at au maini KNV 1	
	8 meters	detector mini KNX ¹)	
		(for mounting height 2.	5 m 3 m and
•	4 m): circular.	(ror mounting height L.	.5 m, 5 m and
	Seated persons @	ð: max. 5 m, max. 6.5 m	and max. 9 m.
	Walking persons	Ø: max. 6.5 m, max. 8 n	n and max.
	10.5 m.		
	Visible height 16	mm.	
	With 2 channels.		
		nection and disconnect	
		on the room brightne	
	-	ponse to the movemen	•
	detectors.	as presence and/or mo	ovement
		ation with 2 power off s	stanes
		ation with integrated m	•
	function.	acion with integrated in	iomcoring
		vitch with up to two inc	dependent
	channels.	'	•
	Constant light sv	vitch with max. 2 outpu	its for
	brightness-depe	ndent switching of two	light bands in
	the area.		
	With integrated F	•	
		ceilings with a board t	hickness from
	9 to 25 mm.		
	Hole size: Ø 68 m	m. ice mounting installatio	an.
		ed in British Standard	
	flushmounted bo		SI VDL
		n: Installation housing f	from Kaiser
		1290-40) with correspo	
	•	r 1290-85 for fair faced	•
	IBTronic H120-68	from Spelsberg.	
	Connections:		
		nection terminal	
	3	/alue: 1 Lux - 1000 Lux	
	Mounting height		
	Protection class	,	0.6
	•	ge (Device): -5 °C to 45	
	•	W x D): 80 mm x 80 mn	n x 45 mm
	Mounting depth:	23 111111	

2CKA006132A0343

2CKA006132A0342

6131/20-183-500

6131/20-24-500

aluminium silver studio white

matt

 $^{^{\}mbox{\tiny 1)}}\mbox{For software}$ and description please check the current Online-Catalogue.

Presence detector

Product	Article-No.	Order-No.	Pack/Qty				
		letector mini premium	KNX ¹) ²)				
	8 meters						
• 6 •		for mounting height 2.5	5 m, 3 m and 4				
	m): circular.						
	•	9: max. 5 m, max. 6.5 m a					
	Walking persons Ø: max. 6.5 m, max. 8 m and max. 10.5 m.						
	•	Visible height 16 mm.					
	With 4 channels.						
		ghtness of the rules to a	defined value				
	•	in a designated collection area. HVAC function for controlling heating and/or cooling					
	collection area.	systems and ventilation systems in the designated					
		tion with 2 nower off st	2005				
		Detectors application with 2 power off stages. Detectors application with integrated monitoring					
	function.	ition with integrated int	onitoring				
		Constant light controller with up to two independent					
	channels.						
		ntroller with max. 2 out	outs for				
		control/rules of two ro					
	room.	. control/rules or two ro	orngrits in the				
		room temperature con	troller				
	10 freely programmable IR channels (blue and/or white) Incl. 5 logic channels (logic gates, gates, delay and						
	staircase lighting		acia, aira				
		, ernal brightness sensor.					
		•					
		Weighting of up to 2 external brightness values and the internal brightness sensor possible.					
	-	The programming button can be activated with the IR					
		transmitter 6010-25 (-500).					
		With integrated KNX bus coupler.					
	•	Suitable for false ceilings with a board thickness from					
	9 to 25 mm.						
	Hole size: Ø 68 m	m.					
	Suitable for surfa	ce mounting installation	n.				
		ed in British Standard o					
	flushmounted bo	x.					
	Recommendation: Installation housing from Kaiser						
		HaloX-O (Art.no. 1290-40) with corresponding cover					
		1290-85 for fair faced o					
	IBTronic H120-68		•				
	Connections:	· · ·					
		KNX-line: Bus connection terminal					
	Brightness limit v	Brightness limit value: 1 Lux - 1000 Lux					
	-	Mounting height: 2 m - 4 m					
		Protection class (Device): IP 20					
	,	ge (Device): -5 °C to 45 °	С				
		W x D): 80 mm x 80 mm					
	Mounting depth:	•					
aluminium	6131/21-183-500		45 1				
silver	, .= === ••						

¹⁾ For software and description please check the current Online-Catalogue. ²⁾ HVAC = Heating/ventilation/air-conditioning

2CKA006132A0344

6131/21-24-500

studio white

matt

12 r Det	sch-Presence o		
12 r Det			
Det		ietector KNX -)	
		for mounting height 2.	5 m, 3 m and 4
Wal Visi	ited persons Ø	i: max. 8 m, max. 10 m i ð: max. 10 m, max. 12 n mm.	
Tar	geted for conr	nection and disconnect	-
Reg Usi	gulation in resp	oonse to the movemen as presence and/or mo	t possible.
Det Det	ectors applica	tion with 2 power off s tion with integrated m	•
	nstant light sw Innels.	itch with up to two inc	lependent
		itch with max. 2 outpundent switching of two	
	area. h integrated K	NX bus coupler.	
Sui [.] 9 to	table for false 25 mm.	ceilings with a board t	hickness from
	le size: Ø 68 m table for surfa	m. ce mounting installatio	n .
Car		ed in British Standard o	
Rec Hal pla IBT	commendation oX-O (Art.no. 1 tes (1290-47 or	:: Installation housing f .290-40) with correspo - 1290-85 for fair faced from Spelsberg.	nding cover
KN) Brig	X-line: Bus con ghtness limit v	nection terminal alue: 1 Lux - 1000 Lux	
Pro	unting height: tection class (Device): IP 20	
Din		ge (Device): -5 °C to 45 N x D): 91 mm x 91 mm 22 mm	

¹⁾ For software and description please check the current Online-Catalogue.

2CKA006132A0346

6131/30-24-500

silver studio white

matt

Presence detector

Product	Article-No.	Order-No.	Pack/Qty	Product	Article-No.	Order-No.
	Dural Duran	1-11	1) 2)		Book Book and	
		detector premium KNX	-) -)			etector Corridor K
	12 meters		5 2		30 meters	
•6•		for mounting height 2.	5 m, 3 m and 4	• • •	Detection range: r	•
(m): circular.	· · · · · · · · · · · · · · · · · · ·				ght of 3 m: frontal t
	•	0: max. 8 m, max. 10 m a				x 3 m (at a max. of :
		Ø: max. 10 m, max. 12 m	n and max. 16 m.		•	oward the detector
	Visible height 23 i	mm.			3 m (max. of 15 m	-
	With 4 channels.				With integrated K	•
		ghtness of the rules to	a defined value		Mounting height 2	27 mm.
	in a designated co		-1 / B		With 2 channels.	
		r controlling heating an				ection and disconn
	-	ilation systems in the c	lesignated			on the room bright
	collection area.					onse to the movem
		ation with 2 power off s	-		_	s presence and/or
		ation with integrated m	onitoring		detectors.	
	function.					tion with 2 power o
		ntroller with up to two	independent			tion with integrate
	channels.	. " '			function.	
	_	ntroller with max. 2 out			_	itch with up to two
		t control/rules of two re	poflights in the		channels.	
	room.		. "		_	itch with max. 2 ou
		room temperature cor				dent switching of t
		mable IR channels (blu			the area.	
	_	iels (logic gates, gates,	delay and			on suspended ceilii
	staircase lighting				•	eilings in surface-m
		ernal brightness sensor				or on VDE flush-m
		o 2 external brightness	values and the			ring for VDE flush-
	_	ss sensor possible.	1 20 0 10		6131/38-xxx(-500)	
		g button can be activat	ed with the IR			ceilings with a boar
	transmitter 6010-				9 to 25 mm.	_
	With integrated K	•			Hole size: Ø 68 mr	
		ceilings with a board th	nickness from			d in British Standa
	9 to 25 mm.				flushmounted box	
	Hole size: Ø 68 m		_			: Installation housir
		ce mounting installatio				290-40) with corres
		ed in British Standard o	or VDE		•	1290-85 for fair fac
	flushmounted bo				IBTronic H120-68 f	rom Speisberg.
		n: Installation housing f			Connections:	
		1290-40) with correspo	_		KNX-line: Bus con	
		r 1290-85 for fair faced	concrete) or		_	alue: 1 Lux - 1000 Lu
	IBTronic H120-68	from Speisperg.			Mounting height:	
	Connections:	maakkan kawasta si			Protection class (I	
	KNX-line: Bus con					e (Device): -5 °C to
	_	alue: 1 Lux - 1000 Lux				V x D): 91 mm x 91 r
	Mounting height:				Mounting depth: 2	ı∠ mm
	Protection class (studio white	6131/50-24-500	2CKA006132
		ge (Device): -5 °C to 45 °		matt		
		W x D): 91 mm x 91 mm	x 45 mm	studio white	6131/50-24-508	2CKA006131
	Mounting depth:	22 mm		matt	3131/30-24-308	2CRA000131
aluminium	6131/31-183-500	O 2CKA006132A03	349 1			
silver				aluminium	6131/50-183-500	2CKA006132
				cilvor		

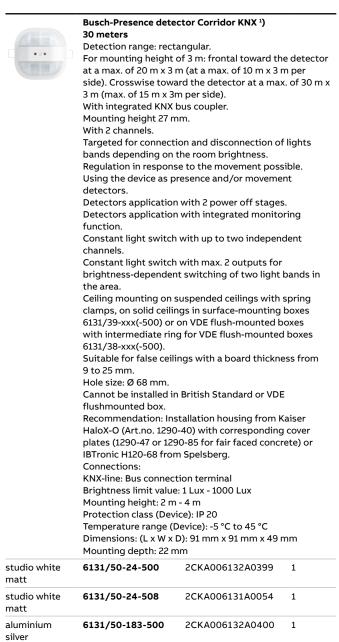
¹⁾ For software and description please check the current Online-Catalogue. ²⁾ HVAC = Heating/ventilation/air-conditioning

2CKA006132A0348

6131/31-24-500

studio white

matt



¹⁾ For software and description please check the current Online-Catalogue.

Pack/Qty

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
		detector Corridor pren	nium KNX ¹) ²)
	30 meters Detection range:	rectangular	
• • •		ght of 3 m: frontal tow	ard the detector
	_	x 3 m (at a max. of 10 i	
		toward the detector at	•
	3 m (max. of 15 m		
	With integrated F	· ·	
	Mounting height	•	
	With 4 channels.		
	For dimming/bri	ghtness of the rules to	a defined value
	in a designated c	ollection area.	
	HVAC function fo	r controlling heating ar	nd/or cooling
	-	ilation systems in the	designated
	collection area.		
	• • •	ation with 2 power off	-
		ation with integrated m	nonitoring
	function.	and the state of the same	to done and one
		ntroller with up to two	independent
	channels.	ntroller with max. 2 ou	touts for
	_	t control/rules of two r	•
	room.	control/rules or two r	oorngines in the
		room temperature co	ntroller.
		mable IR channels (blu	
	,, ,	nels (logic gates, gates	
	staircase lighting		
	Evaluation via int	ernal brightness senso	or.
	Weighting of up t	o 2 external brightness	s values and the
	internal brightne	ss sensor possible.	
	The programmin	g button can be activat	ted with the IR
	transmitter 6010		
		on suspended ceilings	
	•	ceilings in surface-mou	-
	· · · · · ·) or on VDE flush-mou	
		e ring for VDE flush-mo	ounted boxes
	6131/38-xxx(-500		history and from
	9 to 25 mm.	ceilings with a board t	nickness from
	Hole size: Ø 68 m	m	
		m. ed in British Standard (or VDE
	flushmounted bo		OI VDL
		n: Installation housing f	from Kaiser
		1290-40) with correspo	
	· · · · · · · · · · · · · · · · · · ·	r 1290-85 for fair faced	•
	IBTronic H120-68		-, - -
	Connections:	, 5	
	KNX-line: Bus cor	nection terminal	
	Brightness limit	alue: 1 Lux - 1000 Lux	
	Mounting height:	2 m - 4 m	
	Protection class ((Device): IP 20	
		/- · · · · -	0.0

	Mounting depth: 22 mm			
studio white matt	6131/51-24-500	2CKA006132A0413	1	
studio white matt	6131/51-24-508	2CKA006131A0058	1	
aluminium silver	6131/51-183-500	2CKA006132A0414	1	

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 91 mm x 91 mm x 49 mm





Busch-Watchdog Sky KNX 1)

Detection range (for mounting height 6 m and 12 m): circular.

Walking persons Ø: max. 18 m and 24 m.
Visible height 23 mm. With 2 channels.
Targeted for connection and disconnection of lights bands depending on the room brightness.
Use of the device as a movement detector.
Detectors application with 2 power off stages.
Detectors application with integrated monitoring function. Constant light switch with up to two independent channels. Constant light switch with max. 2 outputs for brightness-dependent switching of two light bands in the area. With integrated KNX bus coupler. The programming button can be activated with the IR transmitter 6010-25 (-500).

Suitable for false ceilings with a board thickness from 9 to 25 mm.

Hole size: Ø 68 mm.

Suitable for surface mounting installation.
Cannot be installed in British Standard or VDE flushmounted box.

Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.

Connections:

KNX-line: Bus connection terminal Brightness limit value: 1 Lux - 1000 Lux Mounting height: 4 m - 12 m Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 91 mm x 91 mm x 45 mm Mounting depth: 22 mm

studio white

6131/40-24-500

2CKA006132A0350

matt

 $^{\mbox{\tiny 1)}}\mbox{For software}$ and description please check the current Online-Catalogue.



Surface-mounting box

For Busch-Presence detector mini KNX

For installing a Busch-Presence detector mini KNX 6131/20-xxx(-500) or a Busch-Presence detector mini premium KNX 6131/21-xxx(-500).

Protection class (Device): IP 20

Dimensions: (L x W x D): 80 mm x 80 mm x 35 mm

aluminium silver	6131/29-183-500	2CKA006132A0352	1
studio white matt	6131/29-24-500	2CKA006132A0351	1



Surface-mounting box For Busch-Presence detector KNX, Busch-Watchdog

Sky KNX and Busch-Presence detector Corridor KNX For mounting a Busch-Presence detector KNX 6131/30-xxx(-500), a Busch-Presence detector Premium KNX 6131/31-xxx(-500), a Busch-Presence detector Corridor KNX 6131/50-xxx(-500), a Busch-Presence detector Corridor premium KNX 6131/51-xxx(-500) or a Busch-

Watchdog Sky KNX 6131/40-24(-500). Protection class (Device): IP 20

	Dimensions: (L x W x D): 91 mm x 91 mm x 33 mm				
aluminium silver	6131/39-183-500	2CKA006132A0354	1		
studio white matt	6131/39-24-500	2CKA006132A0353	1		

 $^{^{1)}\}mbox{For software}$ and description please check the current Online-Catalogue.

²⁾ HVAC = Heating/ventilation/air-conditioning

Presence detector

Article-No.	Order-No.	Pack/Qty	
Intermediate ring for VDE flush-mounted box For Busch-Presence detector KNX, Busch-Watchdog Sky KNX and Busch-Presence detector Corridor KNX For Busch-Presence detector KNX and Busch-Watchdog Sky KNX. For mounting a Busch-Presence detector KNX 6131/30- xxx(-500), a Busch-Presence detector KNX Premium KNX 6131/31-xxx(-500), a Busch-Presence detector Corridor KNX 6131/50-xxx(-500), a Busch-Presence detector Corridor premium KNX 6131/51-xxx(-500) or a Busch-Watchdog Sky KNX 6131/40-24(-500) on a VDE flush-mounted box. Protection class (Device): IP 20 Dimensions: (L x W x D): 91 mm x 91 mm x 22 mm			
6131/38-24-500	2CKA006132A0403	1	
6131/38-183-500	2CKA006132A0404	1	
	Intermediate ring for For Busch-Presence Sky KNX and Busch-For Busch-Presence Sky KNX. For mounting a Busch-For Mounting a Busch-For Mounting a Busch-For Mounting a Busch-For Mounting a Busch-Watchdog State of Corridor For a Busch-Watchdog State of Corridor Inches (De Dimensions: (L x W > 6131/38-24-500	Intermediate ring for VDE flush-mounted bo For Busch-Presence detector KNX, Busch-Wa Sky KNX and Busch-Presence detector Corri- For Busch-Presence detector KNX and Busch- Sky KNX. For mounting a Busch-Presence detector KNX xxx(-500), a Busch-Presence detector KNX Pri KNX 6131/31-xxx(-500), a Busch-Presence det Corridor KNX 6131/50-xxx(-500), a Busch-Pre detector Corridor premium KNX 6131/51-xxx(a Busch-Watchdog Sky KNX 6131/40-24(-500) flush-mounted box. Protection class (Device): IP 20 Dimensions: (L x W x D): 91 mm x 91 mm x 22 6131/38-24-500 2CKA006132A0403	



Busch-Presence detector Universal 1) 2) complete set

Modular presence detector with universal lens (set packaging).

Detection range (for installation height of 3 m): circular Seated persons: up to \emptyset 10 m, walking persons: up to \emptyset 12 m

Consisting of Busch-Presence detector Universal

6813-...-102-500.

Consisting of Universal relay insert 6440/01 U-500.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 100 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated current: 10 AX Rated power: 2300 W

Suitable for: Low voltage halogen lamps operated by

transformers. Rated power: 2300 VA Detection angle: 360 °

Brightness limit value: 5 Lux - 2000 Lux

Mounting height: 2 m - 4 m Protection class (Device): IP 40

Temperature range (Device): -5 $^{\circ}$ C to 45 $^{\circ}$ C Dimensions: (L x W x D): 94 mm x 94 mm x 74 mm

Mounting depth: 31 mm DIN EN 60669-2-1



studio white matt 6813/30-24-500

2CKA006800A2864

¹) The detection range with a central approach is reduced.

²⁾ The range specifications refer to an ambient temperature of 21 °C.



Presence detector surface-mounted housing

For mounting a universal insert in combination with the Busch-Presence detector sensor.

For Busch-Presence detector sensor 6813-...-102-500. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500.

For Universal-Slave insert 6440/05 U-500.

Protection class (Device): IP 20

Dimensions: (L x W x D): 93 mm x 93 mm x 44 mm

	Differsions: (L x W x D): 33 min x 33 min x 44 min		
studio white matt	6883-24-500	2CKA006899A2369	1
aluminium silver	6883-183-500	2CKA006899A2371	1

Busch-Watchdog presence inserts

roduct	Article-No.	Order-No.	Pack/Qt
	3 wire connectic For switching like For Busch-Comic 6815101-500 For Busch-Prese Can be combine 6440/05 U-500 Operation in 1g unit for combin Operation also (2020 US, 2021/2 supplementar (e.g. 2020 US), copossible, supple via IR flying rece Rated voltage: 2 Rated frequency Outputs: 1x Nor Suitable for: 230 Rated power: 10 Suitable for: 230 lamps Rated current: 1 Rated power: 2 Suitable for: Lot transformers. Rated power: 2 Temperature ra Dimensions: (L. Mounting depth DIN EN 60669-2	ence detector sensor 681 ed with Universal-Slave ir . ang 2way installations vi ation with flush-mounte possible via conventiona (6 UK). Ty inputs via 127 V push sentral disablement of all ementary IR remote conteiver 6045 E-101 each of 1230 V~, +10 % / -10 % exemply open contact, pote 100 V~ LEDi 100 V/ A LEDi 100 W/VA 100 V incandescent lamps/100 AX 100 W w voltage halogen lamps (100 AX 100 AX 10	ent 13102-500. Insert a push switch- d units. I push buttons witch I outputs rol is possible ential-bound 230 V halogen s operated by °C x 32 mm
	6440/01 U-500	2CKA006400A0	085 1



Universal e-contact insert 1)

2-wire connection (neutral conductor not required)

For switching lighting systems.

For Busch-Comfort switch control element

6815-...-101-500.

For Busch-Presence detector sensor 6813-...-102-500.

Can be combined with Universal-Slave insert

6440/05 U-500.

Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.

Operation also possible via conventional push buttons

(2020 US, 2021/6 UK).

2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs

possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps

Rated power: 20 - 180 W

Suitable for: Low voltage halogen lamps operated by

2CKA006400A0088

transformers.

Rated power: 20 - 180 VA

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 31 mm DIN EN 60669-2-1



6440/04 U-500 ¹¹) Only use dimmable high voltage LEDs.

1/10

Movement detector

Busch-Watchdog presence inserts

Product Article-No. Order-No. Pack/Qty Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Control/Signal outputs: 1, electronic output, potentialbound Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm 6440/05 U-500 2CKA006400A0091



Busch-Universal relay switch insert

3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M.

For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C.

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): -25 °C to 55 °C60669-2-1

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6401 U-102-500

2CKA006401A0049





Busch-Watchdog relay mechanism

3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Rated voltage: 230 V, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated power: 700 W/VA

Temperature range (Device): 0 °C to 55 °CBritish Standard EN 60669-2-1

6812 U-101-500 2CKA006800A2160 1/10 Product Article-No. Order-No. Pack/Qty



Busch-Watchdog MOS-Fet Insert 1) 2) 3) 4) 5) 6)

2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.

Rated power: 60 - 420 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

1) In case of electronic transformers, 5 % transformer losses,

6804 U-101-500 2CKA006800A2219

2) In the case of conventional transformers, take ~20% transformer loss into account. $^{\! 3)}\!$ Not suitable for the activation of energy-saving lamps, conventional and electronic

ballast units and LED lamps. ⁴⁾ Not suitable for activating the staircase time delay.

5) Cannot be used to control relais.

6) Requires an NIS international socket, E-No. 372507676.



Busch-Universal 2gang 1way insert

3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs.

For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).

For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x.

For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): 0 °C to 35 °CBritish Standard EN 60669-2-1

	6402 U-500	2CKA006401A0051	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	3	
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	neon lamp 3855, one r control cover plates 65	5, one neon lamp is supplied together with plates 6540-2x.	

Busch-Watchdog presence inserts

Product	Article-No.	Order-No.	Pack/Qty
The American Control of the Control	3 wire connection For extending Bu Busch-Watchdog For combination 6402 U. For combination 6550 U-101. For Busch-Watch Comfort II 6800- For Busch-Watch 6813/11-xxx. Rated voltage: 23 Rated frequency: Control/Signal o	g extension insert ¹) In (neutral conductor required isch-Watchdog 180 flush-mon Presence tech installations. With relay insert 6401 U-102 With MOS-Fet insert 6804 Un with Dimmer insert 6593 Und dog 180 flush-mounted sens xxx-104 and 6800-xxx-104M. dog Presence tech 6813-xxx-104 Un with 0 from 100 Wn with 0 from 10	unted and and -101. and sor
	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flus or Dual Box 3070		
Cover frames:	1gang frame 1721 or Dual Box fram	l BS-2xG e 1722 BSDB-2xG.	



APBS in Dual Box only.



2gang product

combinations:

Busch-touch dimmer 1) 2) 3) 4) flush mounted, RLC, 60-420 W

2gang combination with adapter plate

With light-level memory and intelligence for universal operation.

Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible.

For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.

Short-circuit-proof, overload-protected.

With touch control.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x.
For Busch-Remote control IR control cover 6066-xxx-10x.

For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor

For Busch-Watchdog 180 flush-mounted Se Standard 6810-21x-101.

For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und

6813/11-xxx.
Combinable with Busch-Watchdog extension insert

6805 U. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 60 - 420 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1



¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.

2CKA006590A0171

1/10

Product Article-No. Order-No. Pack/Qty



Busch-touch dimmer 1) 2) 3) 4) 5) 6) Flush-mounted, LED, 2-100 W

Touch dimmer.

2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).

Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.

Mix operaton of LEDi with conventional loads possible. With adjustable minimum brightness.

The minimum brightness for the leading edge control can be adjusted using the potentiometer.

The potentiometer at the left limit stop corresponds with the trailing edge control mode.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With light-level memory and minimum brightness memory.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500.

For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx.

Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads).

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



6526 U-500

2CKA006512A0323 1/10

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 $^{^{1)}}$ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. $^{2)}$ In the case of conventional transformers, take ~20% transformer loss into account.

In the case of conventional transformers, take ~20% transformer loss into account

³⁾In case of electronic transformers, 5 % transformer losses.

⁴⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

⁵⁾ Recommendation: Please use loads and types of one producer.

⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).

Article-No.

Product

Busch-Watchdog presence inserts

Busch-touch dimmer ¹) ²) ³) flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).
For LED control via control gears

Order-No.

Pack/Qty

1) Non-illuminable.

Rated voltage: 230 V~, +10 % / -10 %

IEC 60669-2-1, British Standard EN 60669-2-1

2CKA006550A0042

Without control cover.

Rated frequency: 50 Hz

Rated power: 700 W/VA

6550 U-101-500

Busch-Watchdog flush-mounted / sensors

Product	Article-No.	Order-No.	Pack/Qty
	_	180 flush-mounted co	omfort
	sensor II 1)		
-	with select-lens		
100,000 /2	For automatic sw	ritching of devices dep	endent on
1200 80000 - 07	motion and brigh	itness.	
	For relay inserts	5401 U-102, 6402 U and	6812 U-101.
	For MOS-Fet inse	rt 6804 U-101.	
	For Dimmer inser	t 6593 U.	
	For extension ins	ert 6805 U.	
	With integrated s	elector switch for ON-	AUTOMATIC-OFF
	(lockable).		
	Soft phase-out: I	n combination with the	6593 U (mode
	•	t OFF) the illumination	is dimmed
	down within 60 s	ec and switched off.	
	Surveillance dens	ity: 18 sectors with 72	switching
	segments.		
	Switch-off delay:	10 sec to 30 min or sho	ort-time pulse
	1 sec adjustable.		
	Detection range:	frontal: 12 m, lateral: 8	m
	Detection angle:	180°	
	Brightness limit v	alue: 5 Lux Up to dayti	me operation
	Mounting height	0.8 m - 1.2 m	
	Protection class	Sensor): IP 20	

Temperature range (Device): 0 °C to 35 °C

	future® linear		
anthracite	6800-81-104	2CKA006800A2268	1
ivory white	6800-82-104	2CKA006800A2099	1/10
aluminium silver ²)	6800-83-104	2CKA006800A2325	1
studio white	6800-84-104	2CKA006800A2101	1/10
studio white, matt ²)	6800-884-104	2CKA006800A2497	1
black matt ²)	6800-885-104	2CKA006800A2506	1
	solo®		
ivory white	6800-82-104	2CKA006800A2099	1/10
studio white	6800-84-104	2CKA006800A2101	1/10
grey metallic ²)	6800-803-104	2CKA006800A2484	1
	Busch-axcent®		
anthracite	6800-81-104	2CKA006800A2268	1
studio white	6800-84-104	2CKA006800A2101	1/10
black matt ²)	6800-885-104	2CKA006800A2506	1
	carat®		
anthracite	6800-81-104	2CKA006800A2268	1
ivory white	6800-82-104	2CKA006800A2099	1/10
studio white	6800-84-104	2CKA006800A2101	1/10
	pure stainless steel		
stainless steel	6800-866-104	2CKA006800A2343	1

¹⁾ Please order the respective flush-mounted insert separately.

Only in conjunction with standard flush-mounting boxes according to DIN 49073,
 Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

³⁾ with integrated making-current limiter

²⁾ Surface painted.

Busch-Watchdog flush-mounted / sensors

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog	180 flush-mounted co	mfort
	sensor II 1) 2)		
(-	with multi-lens		
100,000	For automatic sw	itching of devices depe	endent on

motion and brightness. For down-to-ground detection.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101.

For Dimmer insert 6593 U.

For extension insert 6805 U.

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 28 sectors with 112 switching segments.

Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m

Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m $\,$

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation Mounting height: $0.8\ m$ - $1.2\ m$ alternative: $2.5\ m$ Protection class (Sensor): IP 20

Temperature range (Device): 0 °C to 35 °C

	future® linear		
anthracite	6800-81-104M	2CKA006800A2269	1
ivory white	6800-82-104M	2CKA006800A2100	1
aluminium silver ³)	6800-83-104M	2CKA006800A2327	1
studio white	6800-84-104M	2CKA006800A2102	1/10
studio white, matt ³)	6800-884-104M	2CKA006800A2498	1
black matt ³)	6800-885-104M	2CKA006800A2500	1
	solo®		
ivory white	6800-82-104M	2CKA006800A2100	1
studio white	6800-84-104M	2CKA006800A2102	1/10
grey metallic 3)	6800-803-104M	2CKA006800A2485	1
	Busch-axcent®		
anthracite	6800-81-104M	2CKA006800A2269	1
studio white	6800-84-104M	2CKA006800A2102	1/10
black matt ³)	6800-885-104M	2CKA006800A2500	1
	carat®		
anthracite	6800-81-104M	2CKA006800A2269	1
ivory white	6800-82-104M	2CKA006800A2100	1
studio white	6800-84-104M	2CKA006800A2102	1/10
	pure stainless steel		
stainless steel	6800-866-104M	2CKA006800A2344	1

¹) installation: slide switch top.

Product	Article-No.	Order-No.	Pack/Qty



Busch-Watchdog 180 flush-mounted comfort sensor II for All Weather 44 $^{\rm 1})\,^{\rm 2})$

with combi-lens

For automatic switching of devices dependent on motion and brightness.

For use outdoors.

For down-to-ground detection.

For Busch-Universal relay switch insert 6401 U-102.

IP 44 only in conjunction with cover frames

All Weather 44.

Surveillance density: 40 sectors with 160 switching segments.

Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

With screw-type terminal.

Detection range: frontal: 15 m, lateral: 10 m, Mounting

height: 2.5 m

Detection range 2: frontal: 9 m, lateral: 4 m, Mounting

height: 1.2 m

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m

Protection class (Sensor): IP 44

Temperature range (Device): -25 °C to 55 °C

Position for installation: vertical

brown	6800-31-102C	2CKA006800A2353	1	
white	6800-32-102C	2CKA006800A1898	1	
aluminium silver	6800-33-102C	2CKA006800A2354	1	
alpine white	6800-34-102C	2CKA006800A1674	1	
anthracite	6800-35-102C	2CKA006800A1740	1	

¹⁾ Delivered with sealing ring.

Mile -

For protection against the damage or destruction of electronic devices due to overvoltages.

For wiring network-interconnected inductivities (e.g.. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.

Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

6899 2CKA006899A0231 10

Please order the respective flush-mounted insert separately.

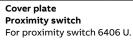
³⁾ Surface painted.

 $^{^{\}mbox{\tiny 2)}}$ Please order the respective flush-mounted insert separately.

Proximity switch

Product	Article-No.	Order-No.	Pack/Qty		
	Relay insert with For contactless of lights. For switching inc halogen lamps, f halogen lamps, t Switches when d Operation also p (2020 US, 2021/6 Rated voltage: 23 Rated frequency: Outputs: 1x Norn Suitable for: 230 lamps, fluorescei	n (neutral conductor rec proximity sensor. DN/OFF switching of el- candescent lamps, 230 valuorescent lamps and lo hat are actuated via tra- etecting an approach a ossible via conventiona is UK). 80 v~, +10 % / -10 % -50 Hz - 60 Hz nally open contact, poto v incandescent lamps, nt lamps and low-voltage perated via transformed	ectric loads, e.g. V tungsten ow-voltage insformers. t < approx. 5 cm. I push buttons ential-bound 230 V halogen ge halogen		
	Temperature range (Device): -25 °C to 55 °CBritish Standard EN 60669-2-1				
	☼ϠϹϠΰ				

2CKA006400A0034



6406 U

	future® linear		
anthracite	6476-81	2CKA006470A0007	1/10
ivory white	6476-82	2CKA006470A0003	10
aluminium silver ¹)	6476-83	2CKA006470A0008	10
studio white	6476-84	2CKA006470A0004	10
studio white, matt ¹)	6476-884	2CKA006470A0010	10
black matt 1)	6476-885	2CKA006470A0011	10
	solo®		
ivory white	6476-82	2CKA006470A0003	10
studio white	6476-84	2CKA006470A0004	10
grey metallic 1)	6476-803	2CKA006470A0006	10
	Busch-axcent®		
anthracite	6476-81	2CKA006470A0007	1/10
studio white	6476-84	2CKA006470A0004	10
black matt ¹)	6476-885	2CKA006470A0011	10
	carat®		
anthracite	6476-81	2CKA006470A0007	1/10
ivory white	6476-82	2CKA006470A0003	10
studio white	6476-84	2CKA006470A0004	10
	pure stainless steel		
stainless steel	6476-866	2CKA006470A0009	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty	
CAMOR	Twilight switch ¹) ²) With labelling field. Labelling field 57.8 x 9.8 mm Switch-on/switch-off delay: approx. 3-6 min non-adjustable. Rated voltage: 230 V~ Rated frequency: 50 Hz Rated current: 16 AX Rated power: 3680 W/VA			
	Brightness limit value: 3 Lux - 500 Lux nominal Protection class (Device): IP 44 Temperature range (Device): -35 °C to 55 °C			
	◪◉▭▮◙▮			
grey	2240 W-53	2CKA006500A0791	1/10	
alpine white	2240 W-54	2CKA006500A0792	1/10	
1) For compatible I	-	it www.BUSCH-JAEGER-labelin	gtool.com.	

²⁾ Labelling strip non-illuminable.