

Product manual

Mylos KNX: 2 binary inputs module with rocker switches 2CSYK1002C/S 2CSYK1003C/S



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Technical features

1 Technical features

1.1 2 binary inputs module 1 switch

	The two binary inputs module 1 switch is a flash-mounted device for the ABB's Mylos Building Automation system. The device is characterised by two channels that can be configured as: - on/off sensor;
	- on/off sensor – dimmer;
	- shutter sensor;
П	- 1 bit and 8 bit scene control;
	- forced operation/ value.
	It allows you to connect common push-buttons, free-voltage contacts or LEDs.
2CSYK1002x	On the frent side it has a reaker switch with pregrammable indicator light, that can be

On the front side it has a rocker switch with programmable indicator light, that can be configured according to the following functions:

- simple switching or switching with two communication objects
- ON/OFF dimmer;
- shutter;

_

- 1 bit and 8 bit scene functionality;

1.1.1 Technical data

Power supply	- EIB	over the bus consumption approx. 4 mA
Number of inputs	- Number	2 on the rear side SELV voltage-free
	- Max. cable length	max 10 m
	 Scanning voltage 	20 V DC
	- Input current	0.5 mA
Connections	- Connection to bus	standard bus connector
	- Electric connections	screw terminal max 0.5 Nm
Control and display elements EIB / KNX	- red LED and EIB / KNX button	To set the physical address
IP rating	- IP 20, EN 60 529	
Protection class	- 11	
Ambient temperature	- Use	-5 °C + 45 °C
	- Storage	-25 °C + 55 °C
	- Transport	-25 °C + 70 °C
Execution	- Modular, proM	
Case, colour	- Plastic container	
Dimensions	- 44x44x43 mm	
Weight	- 0.1 Kg	
EC standard	 EIB certificate according to the EMC indications and those for low voltage 	

Device type	Application program	Maximum number of communication objects	Maximum number of group addresses	Maximum number of associations
2CSYK1002x	Binary input 2 can 1 switches/1.0	24	255	255

Technical features

1.2 2 binary inputs module 2 switches The two binary inputs module 2 switches is a flash-mounted device for the ABB's Mylos Building Automation system. The device is characterised by two channels that can be configured as: on/off sensor; on/off sensor - dimmer; shutter sensor; _ 1 bit and 8 bit scene control; _ forced operation/ value. It allows you to connect common push-buttons, free-voltage contacts or LEDs. 2CSYK1003x On the front side it has two rocker switches with programmable indicator light, that can be configured according to the following functions: _

- simple switching or switching with two communication objects
- ON/OFF dimmer; _
- shutter;
- 1 bit and 8 bit scene functionality; _

1.2.1 **Technical data**

Power supply	- EIB	over the bus consumption approx. 4 mA
Number of inputs	 Number Max. cable length Scanning voltage Input current 	2 on the rear side SELV voltage-free max 10 m 20 V DC 0.5 mA
Connections	Connection to busElectric connections	standard bus connector screw terminal max 0.5 Nm
Control and display elements EIB / KNX	- red LED and EIB / KNX button	To set the physical address
IP rating	- IP 20, EN 60 529	
Protection class	- 11	
Ambient temperature	- Use	-5 °C + 45 °C
	- Storage	-25 °C + 55 °C
	- Transport	-25 °C + 70 °C
Execution	- Modular, proM	
Case, colour	- Plastic container	
Dimensions	- 44x44x43 mm	
Weight	- 0.1 Kg	
EC standard	 EIB certificate according to the EMC indications and those for low voltage 	

Device type	Application program	Maximum number of communication objects	Maximum number of group addresses	Maximum number of associations
2CSYK1003x	Binary input 2 c 2 switches/1.0	34	255	255

Delivery status

The device is supplied with the physical address 1.0.1. The application program is preloaded. It is therefore only necessary to load group addresses and parameters during commissioning. However, the complete application program can be reloaded if required. A longer downtime may result if the application program is changed or after a discharge.

Assignment of the physical address

The assignment and programming of the physical address is carried out in the ETS. The device features a Programming button for assignment of the physical device address. The red Programming LED lights up, after the button has been pushed. It switches off, as soon as the ETS has assigned the physical address or the Programming button is pressed again.

Cleaning

If devices become dirty, they can be cleaned using a dry cloth or a cloth dampened with a soapy solution. Corrosive agents or solutions should never be used.

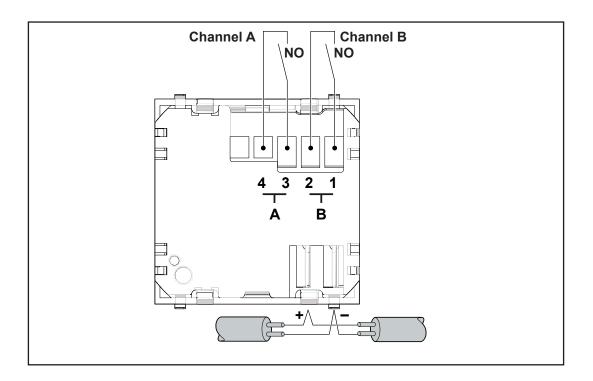
Download behaviour

Depending on the PC, which is used, the progress bar for the download may take up to one and a half minutes, before it appears, due to the complexity of the device.

Maintenance

The device is maintenance-free. No repairs should be carried out by unauthorised personnel if damage occurs, e. g. during transport and/or storage.

1.3 Connection diagram



Commissioning

2 Commissioning

The main functions of the 2 binary inputs module 1 switch/2 switches are described in this section.

The 2 binary inputs module 1 switch/2 switches parametrisation is performed via the Engineering Tool ETS Software application program.

For the parametrisation you need a pc desktop or a laptop with ETS and connection to the KNX system (obtainable for example by means of RS232, USB or IP).

2.1 Parameters

2.1.1 General

1.1.4 Binary input module, 2 chan., 2 ro	cker buttons		×
General		General	
Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Sending and switching delay after \bus voltage recovery in [2255] s Sending delay comprises the initialisation time (2 sec) Do you wish to limit telegram number?	2 <note no</note 	V
	(OK Cancel Default I	nfo Help

Sending and switching delay after bus voltage restoration in [2..255] s

The delay determines the time that elapses between bus voltage restoration and the first moment in which telegrams can be sent and the relay can be switched. Initialisation time – reaction time of about 2 seconds until the processor is fully operation – it is already included in the delay time.

Do you wish to limit the number of telegrams?

It is possible to define the maximum number of unchanged telegrams during a time interval. This parameter is important upon bus voltage restoration since many devices can send their status at the same time.

Maximum number of telegrams every 10 seconds (if you wish to limit the telegram number it is set on Yes) Maximum number of telegrams that can be sent by the device within 10 seconds.

2.2 Channel A/B

2.2.1 On/off sensor;

2.2.1.1 Distinction

1.1.4 Binary input module, 2 char	a, 2 rocker buttons		×
General		Chan. A	
Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan. Distinction between long Vand short pressure Type of connected contact Reaction to short pressure Reaction to long pressure Long pressure: Base Long pressure: Multiplier [0255] Debounce time definition	Sensor on/off yes Normally open Switching No reaction 100 ms 2 50 ms	
		OK Cancel Default	Info Help

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Distinction between long and short pressure

This parameter allows the device to distinguish between a short and a long signal.

Reaction to short pressure

It allows you to select the type of information to be sent after a short pressure. It is possible to select the sending of ON or OFF telegrams or of telegrams for switching between the two values or no sending.

Reaction to long pressure

It allows you to select the type of information to be sent after a long pressure. It is possible to select the sending of ON or OFF telegrams or of telegrams for switching between the two values or no sending.

Long pressure: Base

Long pressure: Multiplier [0...255]

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows: Period for long pressure = Base * Multiplier.

Debounce time definition

Commissioning

2.2.1.2 No distinction

1.1.4 Binary input module, 2 chan.,	2 rocker buttons		×
General		Chan. A	
Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan. Distinction between long Vand short pressure Cyclic sending Reaction to contact closing (Rising edge) Reaction to contact opening (Falling edge) Message repetition: Base Message repetition Multiplier [0255] Send object value Vupon bus recovery Debounce time definition	Sensor on/off no If switching is ON No reaction No reaction 1 sec 2 no 50 ms	
		OK Cancel Default Info	Help

Cyclic sending

It determines the condition that makes the device start cyclic sending (no if ON, if OFF or always).

Reaction to contact closing (Rising edge)

It determines the device reaction (ON/OFF/Switching/No reaction) to input contact closing.

Reaction to contact opening (Falling edge)

It determines the device reaction (ON/OFF/Switching/No reaction) to input contact opening.

Message repetition: Base

Message repetition: Multiplier [0...255]

These two parameters allow you to determine the time period for message cyclic repetition over the bus. Time interval is calculated as follows: Period for message repetition = Base * Multiplier.

Send object value upon bus restoration.

It defines if the device should send (yes) or not send (no) its status upon bus restoration.

Debounce time definition

2.2.2 On/Off Sensor - Dimmer

2.2.2.1 Adjustment only

General		Chan. A	
General Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan. Type of connected contact Dimmer function. Reaction to pressure Dimmer Mode Debounce	Sensor on/off - dimmer Normally open Adjustment only Brighter Start - Stop - Adjustment 50 ms	

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Dimmer functionality

This parameter allows you to define if lighting can be adjusted (Adjustment only) or if a switching is also allowed (Switching and adjustment).

Reaction to pressure

It determines device reaction after a short pressure on one of the inputs.

Dimmer mode

With "Start-Stop-dimming" the command is send via the 4 bit object, when the push-button is released and the device sends a STOP telegram. With "Step-by-step adjustment" the dimming telegram is sent cyclically during long operation. The stop telegram ends the adjustment process at the end of the command.

Debounce

Commissioning

2.2.2.2 Switching and adjustment

Chan. A Chan. B Rocker push-button 1 Rocker push-button 2 Type of connected contact Normally open		
Dimmer function. Switching and adjustment Reaction to short pressure Switching Reaction to long pressure Brighter/Darker Initial dimming direction Brighter Long pressure base 1s Long pressure MULTIPLIER 2 Dimmer Mode Start - Stop - Adjustment Debounce 50 ms	B r push-button 1	Normally open Switching and adjustment Switching Brighter/Darker Brighter Brighter Is 2 Start - Stop - Adjustment

Dimmer functionality

This parameter allows you to define if lighting can be adjusted (Adjustment only) or if a switching is also allowed (Switching and adjustment). In this case a long operation activates dimming and a short operation activates switching.

Reaction to short pressure

It determines device reaction after a short pressure (On/Off/Switching/No reaction) on one of the inputs.

Reaction to long pressure

The long operation modifies the "Relative dimming" communication object value. It determines if after a long pressure on one of the inputs the device should send a telegram containing the "Brighter", "Darker" or "Brighter/Darker" value.

Long pressure: Base

Long pressure: Multiplier [0...255]

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows: Period for long pressure = Base * Multiplier.

Dimmer Mode

With "Start-Stop-dimming" the command is send via the 4 bit object, when the push-button is released and the device sends a STOP telegram. With "Step-by-step adjustment" the dimming telegram is sent cyclically during long operation. The stop telegram ends the adjustment process at the end of the command.

Debounce

2.2.2.3 Period and variation

1.1.4 Binary input module, 2 chan., 2 ro	cker buttons	Append Summery	x
General Chan. A		Chan. A - Period and variation	
Chan. A - Period and variation Chan. B	Transmission period:		
Rocker push-button 1 Rocker push-button 2	Base	1 sec 🔹	
	Multiplier	2	
	Brightness variation for each \sent telegram	6,25% 🔹	
		OK Cancel Default Info He	elp

Long pressure: Base

Long pressure: Multiplier

The dimming telegram is sent cyclically during long operation. Time interval is calculated as follows: Period for message repetition = Base * Multiplier.

Brightness variation for each sent telegram

This parameter is set to change brightness (in percentage) that is sent cyclically with every dimming telegram.

Commissioning

2.2.3 Shutter Sensor

2.2.3.1 2 standard buttons

Chan A Func. associated with chan. Shutter sensor Rocker push-button 1 Rocker push-button 2 Shutter functionality 2 buttons - Standard Shutter functionality Shutter sensor Image: Standard Image: Standard Image: Standard Shutter functionality Shutter sensor Shutter sensor Image: Standard Image: Standard Type of connected contact Normally open Image: Standard Image: Stand	General		Chan. A
	Rocker push-button 1	Shutter functionality Short oper.: Stop / Louvre up-down Long operation: Movement up - down Type of connected contact Reaction to short pressure Reaction to long pressure Long pressure base Long pressure MULTIPLIER	2 buttons - Standard

Shutter functionality

With this parameter it is possible to choose between the following shutter control modes:

- 2 standard buttons;
- 2 movement buttons;
- 1 button short = step by step, long = movement;
- 1 button, movement.

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Reaction to short pressure

It blocks shutter movement and if shutters are stopped it adjusts louvre position.

Reaction to long pressure

It determines shutter movement direction after a long pressure.

Long pressure: Base

Long pressure: Multiplier [0...255]

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows: Period for long pressure = Base * Multiplier.

Debounce

2.2.3.2 2 movement buttons

1.1.4 Binary input module, 2 chan., 2	2 rocker buttons	
General Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan.	Chan. A Shutter sensor
	Movement until key is pressed, stop when key is released Type of connected contact Reaction to pressure Debounce	<note 50="" ms="" normally="" open="" td="" up="" ▼="" ▼<=""></note>
		OK Cancel Default Info Help

Shutter functionality

With this parameter it is possible to choose between the following shutter control modes:

- 2 standard buttons;
- 2 movement buttons;
- 1 button short = step by step, long = movement;
- 1 button, movement.

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Reaction to pressure

It determines shutter movement direction after a pressure.

Debounce

Commissioning

2.2.3.3 1 button – short = step by step, long = Movement;

1.1.4 Binary input module, 2 ch	nan., 2 rocker buttons	
General Chan A		Chan. A
Lieneral Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan. Shutter functionality Long pressure: Movement up - down Short pressure: Louvre adjustment Type of connected contact Long pressure base Long pressure MULTIPLIER Debounce	Shutter sensor 1 button - short=step by step, long=movement <note< td=""> Normally open 1s 2 50 ms</note<>
		OK Cancel Default Info Help

Shutter functionality

With this parameter it is possible to choose between the following shutter control modes:

- 2 standard buttons;
- 2 movement buttons;
- 1 button short = step by step, long = movement;
- 1 button, movement.

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Long pressure: Base

Long pressure: Multiplier [0...255]

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows:

Period for long pressure = Base * Multiplier.

Debounce

2.2.3.4 1 button, movement

1.1.4 Binary input module, 2 chan., 2 ro	ocker buttons	Real Station	x
General		Chan. A	
Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func, associated with chan. Shutter functionality At each operation in sequence up - stop - down - stop Type of connected contact Debounce	Shutter sensor ▼ 1 button, movement ▼ <note< td=""> Normally open Normally open ▼ 50 ms ▼</note<>	
		OK Cancel Default Info H	elp

Shutter functionality

With this parameter it is possible to choose between the following shutter control modes:

- 2 standard buttons;
- 2 movement buttons;
- 1 button short = step by step, long = movement;
- 1 button, movement.

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Debounce

Commissioning

2.2.4 5 object scene control

1.1.4 Binary input module, 2 ch	nan., 2 rocker buttons		x
General		Chan. A	
Chan. A A - Scene Chan. B	Func. associated with chan.	5_object_scene control	
Rocker push-button 1 Rocker push-button 2	Type of connected contact	Normally open	
	Reaction to short pressure	Recall scene	
	Store scene	In case of long pressure (if object value = 1)	
	Long operation after		
	Base	1s 🔹	
	Multiplier	2	
	Debounce	50 ms 🔹	
	,	OK Cancel Default Info Help	

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Reaction to short pressure

After a short pressure the device will respond recalling a scene ("Recall scene") or not ("No reaction").

Store scene

This parameter determines the way in which the current scene storage begins and which function the "Store scene" communication object has.

If "In case of long pressure" the scene is stored as soon as a long pressure command is detected and storage ends as soon as the push-button is released.

If "With object value = 1" storage is activated as soon as the "Store scene" communication object receives value 1. If "In case of long pressure (if object value = 1)" storage is activated as soon as a long pressure is detected and the value of "Store scene" communication object is 1. Storage ends as soon as the push-button is released.

Long pressure: Base

Long pressure: Multiplier [0...255] (if "In case of long pressure" or if "in case of long pressure (if object value = 1)")

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows: Period for long pressure = Base * Multiplier.

Debounce

Commissioning

2.2.4.1 Scene

1.1.4 Binary input module, 2 chan., 2	rocker buttons	
General Chan. A]	A - Scene
A - Scene Chan. B Rocker push-button 1 Rocker push-button 2	Actuator unit A check via Value of actuator unit A Actuator unit B check via Value of actuator unit B Actuator unit C check via Value of actuator unit C Actuator unit D check via Value of actuator unit D Actuator unit E check via Value of actuator unit E	1-bit object On On
		OK Cancel Default Info Help

Actuator unit A/B/C/D/E check via

It is possible to choose between the 1 bit or 8 bit data type to be sent over the bus when a scene is recalled. Actuator unit A/B/C/D/E value

Depending on the type of control selected it associates the corresponding actuator unit with a 1 bit value (ON/OFF) or a 8 bit value (from 0 to 255).

Debounce

Commissioning

2.2.5 8 bit scene control

1.1.4 Binary input module, 2 chan., 2 ro	ocker buttons	X
General		Chan. A
Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan. Type of connected contact Reaction to short pressure Scene Store scene Long operation after Base Multiplier Debounce	8_bit_scene control Normally open Recall scene Scene 1 In case of long pressure (if object value = 1) 1s 2 70 ms
	ок	Cancel Default Info Help

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Reaction to short pressure

After a short pressure the device will respond recalling a scene ("Recall scene") or not ("No reaction").

Scene

This parameter allows you to choose which scene should be recalled with the short pressure on one of the inputs or which scene the new value should be associated with after a storage request.

Store scene

This parameter determines the way in which the current scene storage begins and which function the "Store scene" communication object has.

If "In case of long pressure" the scene is stored as soon as a long pressure command is detected and storage ends as soon as the push-button is released.

If "With object value = 1" storage is activated as soon as the "Store scene" communication object receives value 1. If "In case of long pressure (if object value = 1)" storage is activated as soon as a long pressure is detected and the value of "Store scene" communication object is 1. Storage ends as soon as the push-button is released.

Long pressure: Base

Long pressure: Multiplier [0...255] (if "In case of long pressure" or if "in case of long pressure (if object value = 1)")

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows: Period for long pressure = Base * Multiplier.

Debounce

Commissioning

2.2.6 Forced operation value

2.2.6.1 Distinction

ieneral		Chan. A
Chan. A		
Chan. B Rocker push-button 1	Func. associated with chan.	Value/Forced operation
Rocker push-button 2	Type of connected contact	Normally open 👻
	Distinction between short \and long pressure	yes 🔻
	Reaction to short pressure	1 bit value 🔹
	Transmitted val.	0
	Reaction to long pressure	2-bit-value (forced operation)
	Transmitted val.	ON, forced operation activation 🔹
	BASE for long pressure	100 ms 🔹
	Long pressure MULTIPLIER	2
	Debounce time	70 ms 👻
		OK Cancel Default Info

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Distinction between long and short pressure

This parameter allows the device to distinguish between a short and a long signal. Reaction to short pressure

Reaction to short pressure

Options:

- no transmission/
- 1-Bit value [0/1]/
- 2-Bit value (forced operation)/
- 1-Byte value [0...255]/
- 2-Byte value [-32,768...32,767]/
- 2-Byte value [0...65,565]/
- valore a 2-Byte [virgola mobile EIB]/

This parameter allows you to define the data type that is sent when the contact activates.

Depending on the selection made for reaction to short pressure, different parameters will appear.

All parameters are described below.

Transmitted value

Options:

- 0/1
- 0...255
- -32.768...0...32.767
- 0...65,535
- -10000...20.00...10000

This parameter defines the value that is sent with the command. The value interval depends on the data type set for reaction to short pressure.

Reaction to long pressure

Options:

- no transmission/
- 1-Bit value [0/1]/
- 2-Bit value (forced operation)/
- 1-Byte value [0...255]/
- 2-Byte value [-32,768...32,767]/
- 2-Byte value [0...65,565]/
- valore a 2-Byte [virgola mobile EIB]/

This parameter allows you to define the data type that is sent when the contact activates.

This parameter defines the value that is sent with the command. The value interval depends on the data type set for reaction to long pressure.

Transmitted value

Options:

- 0/1
- 0...255
- -32.768...0...32.767
- 0...65,535
- -10000...20.00...10000

This parameter defines the value that is sent with the command. The value interval depends on the data type set for reaction to long pressure.

Long pressure: Base

Long pressure: Multiplier [0...255]

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows:

Period for long pressure = Base * Multiplier.

Debounce

Commissioning

2.2.6.2 No distinction

1.1.4 Binary input module, 2 chan., 2 r	ocker buttons	
General		Chan. A
Chan. A Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan. Type of connected contact Distinction between short Vand long pressure Reaction to operation Transmitted val. [0255] Send object value pon bus recovery Debounce time	Value/Forced operation ▼ Normally open ▼ no ▼ 10 ▼ no ▼ 70 ms ▼
		OK Cancel Default Info Help

Type of connected contact

With this parameter you can determine whether the input works as a "Normally open contact" or as a "Normally closed contact".

Distinction between long and short pressure

This parameter allows the device to distinguish between a short and a long signal.

Reaction to the operation

Options:

- no transmission/
- 2-Bit value (forced operation)/
- 1-Byte value [0...255]/
- 2-Byte value [-32,768...32,767]/
- 2-Byte value [0...65,565]/
- 2-Byte value [floating point EIB]/

This parameter allows you to define the data type that is sent when the contact activates.

Depending on the selection made for reaction to pressure, different parameters will appear.

All parameters are described below.

Transmitted value

Options:

- 0...255
- -32.768...0...32.767
- 0...65,535
- -10000...20.00...10000

This parameter defines the value that is sent with the command. The value interval depends on the data type set for reaction to pressure.

Send object value upon bus restoration.

It defines if the device should send (yes) or not send (no) its status upon bus restoration

Debounce

Commissioning

2.2.7 Rocker push-button 1/2

2.2.7.1 Switching rocker push-button

General		Rocker push-button 1
Chan. A		
Chan. B	Func. associated with chan.	Switching rocker butt
locker push-button 1		
locker push-button 2	Upper - Lower rocker push-button operation	No reaction
	Cyclic sending	no 🔻
	Courtesy light activation	no
	LED operating mode	Show rocker button object value
		OK Cancel Default Info Help

Upper Rocker push-button push-button operation

It defines the operating mode if an upper or lower rocker push-button is pressed.

Cyclic sending

This parameter allows you to determine in which cases the cyclic sending should begin (if different from "no").

Courtesy light activation

This parameter allows you to switch on the courtesy lights.

LED operating mode

2.2.8 Rocker push-button 2 switching objects

1.1.4 Binary input module, 2 chan.	, 2 rocker buttons	ours Dualing	×
General Chan, A		Rocker push-button 1	
Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan.	Rocker button 2 switching objects	
Hocker pastroador 2	Upper button operation Cyclic sending	No reaction	
	upper button	No reaction	
	Cyclic sending lower button	no 🔻	
	LED operating mode Courtesy light activation	Show rocker button object value	
	(OK Cancel Default Info He	elp

Upper rocker push-button operation

It defines the operating mode if the upper rocker push-button is pressed.

Upper push-button cyclic sending

This parameter allows you to determine in which cases the cyclic sending should begin (if different from "no").

Lower rocker push-button operation

It defines the operating mode if the lower rocker push-button is pressed.

Lower push-button cyclic sending

This parameter allows you to determine in which cases the cyclic sending should begin (if different from "no").

Courtesy light activation

This parameter allows you to switch on the courtesy lights

LED operating mode

Commissioning

2.2.9 Dimmer rocker push-button

1.1.4 Binary input module, 2 chan., 2 m	ocker buttons		
General Chan, A		Rocker push-button 1	
Chan. B			
Rocker push-button 1	Func. associated with chan.	Dimmer rocker button	
Rocker push-button 2			
	Reaction to short pressure	ON · OFF 🔹	
	Reaction to long pressure Upper / Lower rocker push-button	Brighter/Darker 🗸	
	Long pressure duration [s]	2	
	Courtesy light activation	no 🔻	
	LED operating mode	Show rocker button object value	
	,	OK Cancel Default Info Help	ן

Reaction to short pressure

It determines device reaction after a short pressure on the rocker push-button.

Rocker push-button reaction to long pressure Upper/Lower Rocker push-button

It determines device reaction after a long pressure on the upper and lower rocker push-button.

Long pressure duration

It allows you to determine the time that is sufficient to consider a pressure as a long pressure.

Courtesy light activation

This parameter allows you to switch on the courtesy lights.

LED operating mode

2.2.10 Shutter rocker push-button

2.2.10.1 Rocker push-button - Standard

1.1.4 Binary input module, 2 chan.	, 2 rocker buttons		3
General Chan, A		Rocker push-button 1	
Chan. 8 Rocker push-button 1 Rocker push-button 2	Func. associated with chan. Shutter functionality Reaction to pressure Upper - Lower rocker push-button Courtesy light activation LED operating mode	Shutter rocker button	
		OK Cancel Default Info Help	

Shutter functionality

With this parameter it is possible to choose between the following shutter control modes:

- Rocker push-button Standard;
- Rocker push-button Movement.

Rocker push-button reaction to short pressure Upper - Lower Rocker push-button

It determines device reaction after a short pressure on the upper and lower rocker push-button.

Rocker push-button reaction to long pressure Upper – Lower Rocker push-button

It determines device reaction after a long pressure on the upper and lower rocker push-button.

Long pressure duration [s]

It allows you to determine the time that is sufficient to consider a pressure as a long pressure.

Courtesy light activation

This parameter allows you to switch on the courtesy lights.

LED operating mode

Commissioning

2.2.11 Scene rocker push-button

1.1.4 Binary input module, 2 chan., 2 r	ocker buttons	the public balls. An and the set	×
General		Rocker push-button 1	
Chan. A Chan. B Rocker push-button 1	Func. associated with chan.	Scene rocker button	······
Rocker push-button 1 - Scene Rocker push-button 2	Reaction in case of short pressure	Recall scene	•
	Store scene	In case of long pressure (if object value = 1)	-
	Long operation after		
	Base	1s	······
	Multiplier	1	V
		OK Cancel Default Info	Help

Reaction to short pressure

After a short pressure the device will respond recalling a scene ("Recall scene") or not ("No reaction").

Store scene

This parameter determines the way in which the current scene storage begins and which function the "Store scene" communication object has.

If "In case of long pressure" the scene is stored as soon as a long pressure command is detected and storage ends as soon as the push-button is released.

If "With object value = 1" storage is activated as soon as the "Store scene" communication object receives value 1. If "In case of long pressure (if object value = 1)" storage is activated as soon as a long pressure is detected and the value of "Store scene" communication object is 1. Storage ends as soon as the push-button is released.

Long pressure: Base

Long pressure: Multiplier [0...255] (if "In case of long pressure" or if "in case of long pressure (if object value = 1)")

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows: Period for long pressure = Base * Multiplier.

2.2.11.1 Scene

ieneral 'han. A		Rocker button 1 - Scene
han, B locker push-button 1 locker push-button 2	Actuator unit A check via Value of actuator unit A Actuator unit B check via Value of actuator unit B Actuator unit C check via Value of actuator unit C Actuator unit D check via Value of actuator unit D Actuator unit E check via Value of actuator unit D	1-bit object 0ff 1-bit object 0ff 0ff 1-bit object 0ff 0ff 1-bit object 0ff 0ff 0ff 0ff 0ff 0ff 0ff 0ff 0ff 0ff

Actuator unit A/B/C/D/E check via

It is possible to choose only one type of 1 bit datum.

Actuator unit A/B/C/D/E value

It associates the corresponding actuator unit with a 1 bit value (ON/OFF).

Commissioning

2.2.12 8 bit scene rocker push-button

1.1.4 Binary input module, 2 chan., 2 r	ocker buttons	X
General Chan. A		Rocker push-button 1
Chan. B Rocker push-button 1 Rocker push-button 2	Func. associated with chan.	8 bit scene rocker button
Hocker pushballon 2	Reaction to short pressure	Recall scene
	Upper rocker button scene	Scene 1 🔹
	Lower rocker button scene	Scene 2 🔹
	Store scene	In case of long pressure (if object value = 1)
	Long operation after	
	Base	100 ms 👻
	Multiplier	2
		OK Cancel Default Info Help

Reaction to short pressure

After a short pressure the device will respond recalling a scene ("Recall scene") or not ("No reaction").

Upper rocker push-button scene

This parameter allows you to choose which scene should be recalled with the short pressure of the upper rocker push-button or which scene the new value should be associated with after a storage request.

Lower rocker push-button scene

This parameter allows you to choose which scene should be recalled with the short pressure of the lower rocker push-button or which scene the new value should be associated with after a storage request.

Store scene

This parameter determines the way in which the current scene storage begins and which function the "Store scene" communication object has.

If "In case of long pressure" the scene is stored as soon as a long pressure command is detected and storage ends as soon as the push-button is released.

If "With object value = 1" storage is activated as soon as the "Store scene" communication object receives value 1. If "In case of long pressure (if object value = 1)" storage is activated as soon as a long pressure is detected and the value of "Store scene" communication object is 1. Storage ends as soon as the push-button is released.

Long pressure: Base

Long pressure: Multiplier [0...255] (if "In case of long pressure" or if "in case of long pressure (if object value = 1)")

These two parameters allow you to determine the time that is sufficient to consider a pressure as a long pressure. Time interval is calculated as follows: Period for long pressure = Base * Multiplier.

3 Operation of communication objects

3.1 Sensor On/off

⊒⊒[14	Input B	Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
⊒‡15	Input B	Switching	1 bit	С	-	W	Т	-	1 bit DPT_Switch	Low
⊒‡21	Input A	Disabling	1 bit	С	-	W	Т	U	1 bit DPT_Enable	Low
≣‡22	Input A	Switching	1 bit	С	-	W	Т	-	1 bit DPT_Switch	Low
		-							-	

No.	Function	Object name	Type of datum	Flags
21	Disabling	Input A	1 bit DPT_Enable	C,W
14	Disabling	Input B	1 bit DPT_Enable	C,W,T,U
The ch	nannel circuitry can be bloc	cked or enabled using the	communication object.	
	ked channel behaves as if s of the channel are still av	1 0	The communication	
	ked channel behaves as if s of the channel are still av Switching	1 0	The communication 1 bit DPT_Switch	C,W,T
object	s of the channel are still av	ailable.	1	C,W,T C,W,T

According to parameter setting, this communication object can be switched by the ON, OFF or Switching input drive. With Switching the previous value, for example "1", is directly switched to value "0". It is important to ensure that the communication object can be written from the outside. Therefore cyclic sending is interrupted or is not possible.

I ¢]14	Input B	Disabling	11	bit	с-	V	- 1	-	1 bit DPT_Enable	Low
₽15	Input B - short	Switching	11	pit	с -	V	νт	U	1 bit DPT_Switch	Low
₽ 16	Input B	Relative dimming	4	pit	с -	V	νт	-	3 bit controlled DP	Low
₽21	Input A	Disabling	11	pit	с-	V	· -	-	1 bit DPT_Enable	Low
₽22	Input A - short	Switching	11	bit	с -	V	νт	U	1 bit DPT_Switch	Low
₿23	Input A	Relative dimming	41	pit	с -	V	νт	U	3 bit controlled DP	Low
No.	Function		Object name	Type of datum					Flags	
22	Switching		Input A - short	1 bit DPT_Swit	ch				C,W,T,U	
15	Switching		Input B - short	1 bit DPT_Swit	ch				C,W,T,U	
	-		•							
This c functio	onality param	eter.	"0" OFF "1" ON ly visible if the "Switch	0					een set in the Di	
This c functio With a	communicatic onality param a short opera	eter. tion the object	"0" OFF "1" ON	to ON, OFF or S	Switch value	ning	g, ac		een set in the Di	
This c function With a With S	communicatic onality param a short opera Switching the	eter. tion the object	"0" OFF "1" ON ly visible if the "Switch value can be switched e, for example "1", is di	to ON, OFF or S rectly switched to	Switch value ble	ning	g, ac		een set in the Di ding to the para	
This c function With a With S 14 21 The ch A bloc	communicatic onality param a short opera Switching the Disabling Disabling hannel circuit	eter. tion the object previous value ry can be block behaves as if t	"0" OFF "1" ON ly visible if the "Switch value can be switched , for example "1", is di Input A Input B ked or enabled using the	to ON, OFF or S rectly switched to 1 bit DPT_Enak 1 bit DPT_Enak ne communication	Switch value ble ble i obje	ning e "(g, ac		een set in the Di ding to the para C,W	
This c function With a With S 14 21 The ch A bloc	communicatic onality param a short opera Switching the Disabling Disabling hannel circuit	eter. tion the object previous value ry can be block behaves as if t anel are still ava	"0" OFF "1" ON ly visible if the "Switch value can be switched , for example "1", is di Input A Input B ked or enabled using the	to ON, OFF or S rectly switched to 1 bit DPT_Enak 1 bit DPT_Enak ne communication	Switch value ble ole obje a obje	ninç e "(ect.	9, ac)".		een set in the Di ding to the para C,W	

3.2 Sensor On/Off - Dimmer

At the end of the command a Stop command is sent to the input.

Operation of communication objects

5.3	Shutter Ser	isor						
⊒214	Input B	Disabling	11	oit	c - w		1 bit DPT_Enable	Low
■2 15	Input B	Shutter up - down	11	oit	С	т -	1 bit DPT_UpDown	Low
⊒ ‡16	Input B	Stop/Louvre up do	wn 1t	oit	C - W	τU		Low
2 21	Input A	Disabling	11	oit	C - W		1 bit DPT_Enable	Low
⊒22	Input A	Shutter up/down	11	oit			1 bit DPT_UpDown	Low
■23	Input A	Stop/Louvre up do	wn 1t	bit	C	Т-		Low
No.	Function		Object name	Type of dat	um		Flags	
23	Stop/Adju Louvre	stment	Input A	1 bit DPT_	Step		C,T	
16	Stop/Adju Louvre	stment	Input B	1 bit DPT_	Step		C,W,T,U	
C	am value: ommunicatio	on object sends	"0" Stop / louvres UP "1" Stop / louvres DOWN s a stop command or a	louvre adjust	ment.			
21	Disabling		Input A	1 bit DPT_	Enable		C,W	
14	Disabling		Input B	1 bit DPT_Enable			C,W	
A bloc	ked channe		ked or enabled using th there was no input sign ailable.					
							OWT	
22	Shutter up	o/aown	Input A	1 bit DPT_	UpDown		C,W,T	
15	Shutter up	o/down	Input B	4 bit DPT_	UpDown		C,W,T	
This c	ommunicatio	on object sends	a shutter movement c	ontrol (UP or	DOWN) over th	ne bu	3.	

3.3 Shutter Sensor

3.4 5 object scene control

	Input B	Disabling	1 bit	С	-	w	т	U	1 bit DPT_Enable	Low
⊒⊉15	Input B	Actuator unit switch telegr A	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
■2 16	Input B	Actuator unit switch telegr B	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
■2,17	Input B	Actuator unit switch telegr C	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
⊒2 18	Input B	Actuator unit switch telegr D	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
⊒‡19	Input B	Actuator unit switch telegr E	1 bit	С	-	W	Т	-	1 bit DPT_Switch	Low
⊒‡20	Input B	Store scene	1 bit	С	-	W	Т	-	1 bit DPT_Enable	Low
	Input A	Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
	Input A	Actuator unit switch telegr A	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
⊒‡23	Input A	Actuator unit switch telegr B	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
⊒‡24	Input A	Actuator unit switch telegr C	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
⊒25	Input A	Actuator unit switch telegr D	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
	Input A	Actuator unit switch telegr E	1 bit	С	-	W	Т	U	1 bit DPT_Switch	Low
⊒27	Input A	Store scene	1 bit	С	-	W	Т	-	1 bit DPT_Enable	Low
■214	Input B	Disabling	1 bit	С	-	W	Т	U	1 bit DPT_Enable	Low
15	Input B	Actuator unit switch telegr A	1 Byte	С	-	W	Т	U	8 bit unsigned valu	Low
1 6	Input B	Actuator unit switch telegr B	1 Byte	С	-	W	Т	U	8 bit unsigned valu	Low
■2 17	Input B	Actuator unit switch telegr C	1 Byte	С	-	W	Т	U		Low
18	Input B	Actuator unit switch telegr D	1 Byte	С	-	W	Т	U		Low
1 9	Input B	Actuator unit switch telegr E	1 Byte	С	-	W	Т	U		Low
⊒20	Input B	Store scene	1 bit	С	-	W	Т	-	1 bit DPT_Enable	Low
⊒21	Input A	Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
⊒22	Input A	Actuator unit switch telegr A	1 Byte	С	-	W	Т	U	8 bit unsigned valu	Low
⊒23	Input A	Actuator unit switch telegr B	1 Byte	С	-	W	Т	U	8 bit unsigned valu	Low
⊒24	Input A	Actuator unit switch telegr C	1 Byte	С	-	W	Т	U		Low
⊒ ‡ 25	Input A	Actuator unit switch telegr D	1 Byte	С	-	W	Т	U		Low
	Input A	Actuator unit switch telegr E	1 Byte	С	-	W	Т	U		Low
	Input A	Store scene	1 bit	С	-	W	Т	-	1 bit DPT_Enable	Low

No.	Function	Object name	Type of datum	Flags
14	Disabling	Input A	1 bit DPT_Enable	C,W,T,U
21	Disabling	Input B	1 bit DPT_Enable	C,W,T,U

The channel circuitry can be blocked or enabled using the communication object.

A blocked channel behaves as if there was no input signal. The communication objects of the channel are still available.

22,23,24 25.26	Telegr. Switching Actuator unit A/B/C/D/E	Input A	1 bit DPT_Switch	C,W,T,U	
15,16,17 18 19	Telegr. Switching Actuator unit A/B/C/D/E	Input B	1 bit DPT_Switch	C,W,T,U	
This commu	nication object sends the following v	alues over the	e bus to fulfil the scene setting.		
	1-Bit value [ON/OFF]	EIS 1	DPT 1.001 switching comn	DPT 1.001 switching command	
22,23,24 25.26	Telegr. Switching Actuator unit A/B/C/D/E	Input A	1 byte DPT_Unsigned_ Counter_value	C,W,T,U	
15,16,17 18 19	Telegr. Switching Actuator unit A/B/C/D/E	Input B	1 byte DPT_Unsigned_ Counter_value	C,W,T,U	
This commu	nication object sends the following v	alues over the	e bus to fulfil the scene setting.		
	1-Byte value [0255]	EIS 6	DPT 5.010 counter value		

Operation of communication objects

20	Store Scene	Input A	1 bit DPT_Enable	C,W,T
27	Store Scene	Input B	1 bit DPT_Enable	C,W,T
This commu	nication object appears only with the	e option "obiect v	alue = 1".	

This option can be set in the parameter "Store scene". This communication object is used to start scene storage over the bus.

The function depends on the type of scene storage

	8 bit scer									
L 214	Input B	Disabling	1	bit	с -	w -	-	1 bit DPT	Enable	Low
【15	Input B	8 bit scene	1	Byte	С-	wт	U			Lov
民20	Input B	Store scene	1	bit	С-	wт	-	1 bit DPT	_Enable	Lov
₽ 21	Input A	Disabling	1	bit	С-	W -	-	1 bit DPT	_Enable	Lov
₽22	Input A	8 bit scene	1	Byte	С-	WТ	-			Lov
以27	Input A	Store scene	1	bit	С-	Υ	-	1 bit DPT	_Switch	Lov
No.	Function	l	Object name	Type of datum	n				Flags	
14	Disablin	g	Input A	1 bit DPT_Er	nable				C,W	
21	Disablin	a	Input B	1 bit DPT_Er	nable				C,W	
A blo	cked chanr		ed or enabled using th ere was no input sigr able.		-	-				
A blo	cked chanr	nel behaves as if the nannel are still avail	ere was no input sigr		nication		ntei	r_value	C,W,T	
A blo objec	cked chanr	nel behaves as if the nannel are still avail ene	ere was no input sigr able.	nal. The commu	nication Unsigned	_Cou			C,W,T C,W,T	
A blo objec 22 15	cked chanr ets of the ch 8 bit sce 8 bit sce	nel behaves as if the nannel are still avail ene ene	ere was no input sigr able.	nal. The communication of the	nication Unsigned Unsigned	_Cou _Cou	ntei	_value		
A blo objec 22 15	cked chanr ets of the ch 8 bit sce 8 bit sce communica	nel behaves as if the nannel are still avail ene ene	ere was no input sigr able. Input A Input B	nal. The communication of the	nication Unsigned Unsigned ulfil the so	_Cou _Cou cene s	nter settii	_value		
A blo objec 22 15	cked chanr ets of the ch 8 bit sce 8 bit sce communica	nel behaves as if the nannel are still avail ene ene tion object sends t ue [ON/OFF]	ere was no input sigr able. Input A Input B he following values o	1 byte DPT_U 1 byte DPT_U 1 byte DPT_U 1 byte DPT_U 1 byte DPT_U	nication Unsigned Unsigned ulfil the so vitching co	_Cou _Cou cene s	nter settii	_value		U
A blo objec 22 15 This o	cked chanr tts of the ch 8 bit sce 8 bit sce communica 1-Bit val	nel behaves as if the nannel are still avail ene tion object sends t ue [ON/OFF] cene	ere was no input sign able. Input A Input B he following values o EIS 1	1 byte DPT_U 1 byte DPT_U 1 byte DPT_U over the bus to find DPT 1.001 sw	nication Unsigned Unsigned ulfil the so vitching co nable	_Cou _Cou cene s	nter settii	_value	C,W,T,	U

3.5 8 bit scene control

Operation of communication objects

3.6 Forced operation value

3.6.1 Distinction

	Input B	Input B: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
■2 15	Input B - short	Forced oper. value telegram	2 bit	С	-	-	Т	-	1 bit controlled DP	Low
⊒‡16	Input B - Long	Forced oper. value telegram	2 bit	С	-	-	Т	-	1 bit controlled DP	Low
■21	Input A	Input A: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
■22	Input A - short	Forced oper. value telegram	2 bit	С	-	-	Т	-	1 bit controlled DP	Low
■23	Input A - Long	Forced oper. value telegram	2 bit	С	-	-	Т	-	1 bit controlled DP	Low
■214	Input B	Input B: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
■2 15	Input B - short	Forced oper. value telegram	1 Byte	С	-	-	т	-	8 bit unsigned valu	Low
■216	Input B - Long	Forced oper. value telegram	1 Byte	С	-	-	Т	-	8 bit unsigned valu	Low
■21	Input A	Input A: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
■22	Input A - short	Forced oper. value telegram	1 Byte	С	-	-	Т	-	8 bit unsigned valu	Low
■23	Input A - Long	Forced oper. value telegram	1 Byte	С	-	-	т	-	8 bit unsigned valu	Low
≣≹14	Input B	Input B: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
■2 15	Input B - short	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte signed value	Low
■216	Input B - Long	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte signed value	Low
⊒‡21	Input A	Input A: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
⊒‡22	Input A - short	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte signed value	Low
■ ‡23	Input A - Long	Forced oper. value telegram	2 Byte	~	-	-	Т	-	2 byte signed value	Low
	Input B	Input B: Disabling	1 bit	С	-	W	-		1 bit DPT_Enable	Low
15	Input B - short	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte unsigned val	Low
16	Input B - Long	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte unsigned val	Low
	Input A	Input A: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
	Input A - short	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte unsigned val	Low
■23	Input A - Long	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte unsigned val	Low
	Input B	Input B: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
■215	Input B - short	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte float value D	Low
■216	Input B - Long	Forced oper. value telegram	2 Byte	С	-	-	Т	-	2 byte float value D	Low
■21	Input A	Input A: Disabling	1 bit	С	-	W	-	-	1 bit DPT_Enable	Low
■22	Input A - short	Forced oper. value telegram	2 Byte	С	-	-	т	-	2 byte float value D	Low
■23	Input A - Long	Forced oper. value telegram	2 Byte	С	-	-	т	-	2 byte float value D	Low

Operation of communication objects

	Function	Object name	Type of datum	Flags
14	Disabling	Input A	1 bit DPT_Enable	C,W
21	Disabling	Input B	1 bit DPT_Enable	C,W
The c	hannel circuitry can be blocked or	r enabled using the	communication object.	
A blo	cked channel behaves as if there v	was no input signal.	The communication	
	ts of the channel are still available			
23	Telegr. Forced operation value	Input A-long	1 bit DPT_Switch	C,T
23	Telegr. Forced operation value	Input A-long	2 bit DPT_Switch_Control	C,T
23	Telegr. Forced operation value	Input A-long	1 byte DPT_Value_1_Count	C,T
23	Telegr. Forced operation value	Input A-long	2 byte DPT_Value_2_Count	C,T
23	Telegr. Forced operation value	Input A-long	2 byte DPT_Value_2_Count	C,T
23	Telegr. Forced operation value	Input A-long	2 byte DPT_Value_Temp	C,T
16	Telegr. Forced operation value	Input B-long	1 bit DPT_Switch	C,T
16	Telegr. Forced operation value	Input B-long	2 bit DPT_Switch_Control	C,T
16	Telegr. Forced operation value	Input B-long	1 byte DPT_Value_1_Count	C,T
16	Telegr. Forced operation value	Input B-long	2 byte DPT_Value_2_Count	C,T
16	Telegr. Forced operation value	Input B-long	2 byte DPT_Value_2_Count	C,T
16	Talage Forced apprection value			
16	Telegr. Forced operation value	Input B-long	2 byte DPT_Value_Temp	C,T
	nunication objects that are sent or		·	C,T
	v .		·	C,1
	v .		·	C,T
Comr	nunication objects that are sent or	ver the bus after a lo	ong pressure.	
Comr 22	Telegr. Forced operation value	ver the bus after a lo	1 bit DPT_Switch	C,T
Comr 22 22	Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short	1 bit DPT_Switch 2 bit DPT_Switch_Control	C,T C,T
Comr 22 22 22	Telegr. Forced operation value Telegr. Forced operation value Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short Input A-short	1 bit DPT_Switch 2 bit DPT_Switch_Control 1 byte DPT_Value_1_Count	C,T C,T C,T
Comr 22 22 22 22 22	Telegr. Forced operation value Telegr. Forced operation value Telegr. Forced operation value Telegr. Forced operation value Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short Input A-short Input A-short	1 bit DPT_Switch 2 bit DPT_Switch_Control 1 byte DPT_Value_1_Count 2 byte DPT_Value_2_Count	C,T C,T C,T C,T
Comr 22 22 22 22 22 22	Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short Input A-short Input A-short Input A-short	1 bit DPT_Switch 2 bit DPT_Switch_Control 1 byte DPT_Value_1_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_2_Count	C,T C,T C,T C,T C,T C,T
Comr 22 22 22 22 22 22 22 22	Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short Input A-short Input A-short Input A-short Input A-short	1 bit DPT_Switch 2 bit DPT_Switch_Control 1 byte DPT_Value_1_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_Temp	C,T C,T C,T C,T C,T C,T C,T
Comr 22 22 22 22 22 22 22 22 15	Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short Input A-short Input A-short Input A-short Input A-short Input A-short Input B-short	1 bit DPT_Switch 2 bit DPT_Switch_Control 1 byte DPT_Value_1_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_Temp 1 bit DPT_Switch	C,T C,T C,T C,T C,T C,T C,T C,T
Comr 22 22 22 22 22 22 22 15 15	Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short Input A-short Input A-short Input A-short Input A-short Input B-short Input B-short	1 bit DPT_Switch 2 bit DPT_Switch_Control 1 byte DPT_Value_1_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_Temp 1 bit DPT_Switch 2 byte DPT_Switch	C,T C,T C,T C,T C,T C,T C,T C,T C,T
Comr 22 22 22 22 22 22 15 15 15	Telegr. Forced operation value Telegr. Forced operation value	ver the bus after a lo Input A-short Input A-short Input A-short Input A-short Input A-short Input A-short Input B-short Input B-short Input B-short	1 bit DPT_Switch 2 bit DPT_Switch_Control 1 byte DPT_Value_1_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_2_Count 2 byte DPT_Value_Temp 1 bit DPT_Switch 2 byte DPT_Value_Temp 1 bit DPT_Switch 2 byte DPT_Value_Temp 1 bit DPT_Switch 2 byte DPT_Value_Temp	C,T C,T C,T C,T C,T C,T C,T C,T C,T C,T

Operation of communication objects

3.6.2 No distinction

Number	Name	Object Function	Descri	Leng	Group Addr	С	R	W	Т	U	Data Type	Priority
	Input B	Input B: Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
■215	Input B	Forced oper. value telegram		2 bit		С	-	-	т	-	1 bit controlled DPT_Switch_Control	Low
	Input A	Input A: Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Input A	Forced oper. value telegram		2 bit		С	-	-	т	-	1 bit controlled DPT_Switch_Control	Low
	Input B	Input B: Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
1 5	Input B	Forced oper. value telegram		1 Byte		С	-	-	Т	-	8 bit unsigned value DPT_Value_1_Uco	Low
⊒ ‡ 21	Input A	Input A: Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
⊒22	Input A	Forced oper. value telegram		1 Byte		С	-	-	т	-	8 bit unsigned value DPT_Value_1_Uco	Low
⊒2 14	Input B	Input B: Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
■2 15	Input B	Forced oper. value telegram		2 Byte		С	-	-	т	-	2 byte unsigned value DPT_Value_2_U	Low
■ ‡ 21	Input A	Input A: Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Input A	Forced oper. value telegram		2 Byte		С	-	-	т	-	2 byte unsigned value DPT_Value_2_U	Low
⊒2 14	Input B	Input B: Disabling		1 bit		С	-	w	-	-	1 bit DPT_Enable	Low
■2 15	Input B	Forced oper. value telegram		2 Byte		С	-	-	т	-	2 byte signed value DPT_Value_2_Count	Low
	Input A	Input A: Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
⊒‡22	Input A	Forced oper. value telegram		2 Byte		С	-	-	Т	-	2 byte signed value DPT_Value_2_Count	Low
	Input B	Input B: Disabling		1 bit		С	-	w	-	-	1 bit DPT_Enable	Low
1 5	Input B	Forced oper. value telegram		2 Byte		С	-	-	т	-	2 byte float value DPT_Value_Temp	Low
⊒ ‡21	Input A	Input A: Disabling		1 bit		С	-	w	-	-	1 bit DPT_Enable	Low
⊒ ‡ 22	Input A	Forced oper. value telegram		2 Byte		с	-	-	т	-	2 byte float value DPT Value Temp	Low

No.	Function	Object name	Type of datum	Flags
14	Disabling	Input A	1 bit DPT_Enable	C,W, T
21	Disabling	Input B	1 bit DPT_Enable	C,W, T, U

The channel circuitry can be blocked or enabled using the communication object.

A blocked channel behaves as if there was no input signal. The communication objects of the channel are still available.

15	Telegr. Forced operation value	Input A	1 bit DPT_Switch	C,W, T
15	Telegr. Forced operation value	Input A	2 bit DPT_Switch_Control	C,W, T
15	Telegr. Forced operation value	Input A	1 byte DPT_Value_1_Count	C,W, T
15	Telegr. Forced operation value	Input A	2 byte DPT_Value_2_Count	C,W, T
15	Telegr. Forced operation value	Input A	2 byte DPT_Value_2_Count	C,W, T
15	Telegr. Forced operation value	Input A	2 byte DPT_Value_Temp	C,W, T
8	Telegr. Forced operation value	Input B	1 bit DPT_Switch	C,W, T
8	Telegr. Forced operation value	Input B	2 bit DPT_Switch_Control	C,W, T
8	Telegr. Forced operation value	Input B	1 byte DPT_Value_1_Count	C,W, T
8	Telegr. Forced operation value	Input B	2 byte DPT_Value_2_Count	C,W, T
8	Telegr. Forced operation value	Input B	2 byte DPT_Value_2_Count	C,W, T
8	Telegr. Forced operation value	Input B	2 byte DPT_Value_Temp	C,W, T

3.7 Rocker push-button 1/2

3.7.1 Switching rocker push-button

Number	Name	Object Function	Descri	Leng	Group Addre	С	R	W	т	U	Data Type	Priority
⊒ ‡0	Rocker push-button 1	Disabling		1 bit		С	-	W	т	-	1 bit DPT_Enable	Low
⊒⊉1	Rocker push-button 1	Switching		1 bit		С	-	W	т	-	1 bit DPT_Switch	Low
⊒‡7	Rocker push-button 2	Disabling		1 bit		С	-	W	т	U	1 bit DPT_Enable	Low
	Rocker push-button 2	Switching		1 bit		С	-	W	Т	-	1 bit DPT Switch	Low
	Rocker push-button 1	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
⊒ ‡]33	Rocker push-button 2	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low

No.	Function	Object name	Type of datum	Flags
0	Disabling	Rocker push-button 1	1 bit DPT_Enable	C,W,T
7	Disabling	Rocker push-button 2	1 bit DPT_Enable	C,W,T

The channel circuitry can be blocked or enabled using the communication object.

A blocked channel behaves as if there was no input signal. Communication objects of the channel are still available.

1	Switching	Rocker push-button 1	1 bit DPT_Switch	C,W,T
8	Switching	Rocker push-button 2	1 bit DPT_Switch	C,W,T
Telegra	am value:	"0" OFF "1" ON		

According to parameter setting, this communication object can be switched by the ON, OFF or Switching input drive. With Switching the previous value, for example "1", is directly switched to value "0". It is important to ensure that the communication object can be written from the outside. Therefore cyclic sending is interrupted or is not possible.

32	Disabling LED	Rocker push-button 1	1 bit DPT_Enable	C,W
33	Disabling LED	Rocker push-button 2	1 bit DPT_Enable	C,W

3.7.2 Switching rocker push-button

Number	Name	Object Function	Descri	Leng	Group Addre	С	R	W	т	U	Data Type	Priority
	Rocker push-button 1	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 1	Upper rocker button -Swit		1 bit		С	-	W	Т	-	1 bit DPT_Switch	Low
	Rocker push-button 1	Lower rocker button -Swit		1 bit		С	-	W	Т	-	1 bit DPT_Switch	Low
	Rocker push-button 2	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
⊒2 8	Rocker push-button 2	Upper rocker button -Swit		1 bit		С	-	W	т	U	1 bit DPT_Switch	Low
⊒⊉9	Rocker push-button 2	Lower rocker button -Swit		1 bit		С	-	W	Т	-	1 bit DPT_Switch	Low
	Rocker push-button 1	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 2	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low

No.	Function	Object name	Type of datum	Flags
0	Disabling	Rocker push-button 1	1 bit DPT_Enable	C,W
7	Disabling	Rocker push-button 2	1 bit DPT_Enable	C,W

The channel circuitry can be blocked or enabled using the communication object.

A blocked channel behaves as if there was no input signal. Communication objects of the channel are still available.

1	Rocker push-button Upper Switching	Rocker push-button 1	1 bit DPT_Switch	C,W,T
8	Rocker push-button Upper Switching	Rocker push-button 2	1 bit DPT_Switch	C,W,T
Telegr	am value:	"0" OFF "1" ON		

According to parameter setting, this communication object can be switched by the ON, OFF or Switching input drive. With Switching the previous value, for example "1", is directly switched to value "0". It is important to ensure that the communication object can be written from the outside. Therefore cyclic sending is interrupted or is not possible.

2	Rocker push-button Lower Switching	Rocker push-button 1	1 bit DPT_Switch	C,W,T
9	Rocker push-button Lower Switching	Rocker push-button 2	1 bit DPT_Switch	C,W,T
Telegra	am value:	"0" OFF "1" ON		

According to parameter setting, this communication object can be switched by the ON, OFF or Switching input drive. With Switching the previous value, for example "1", is directly switched to value "0". It is important to ensure that the communication object can be written from the outside. Therefore cyclic sending is interrupted or is not possible.

32	Disabling LED	Rocker push-button 1	1 bit DPT_Enable	C,W
33	Disabling LED	Rocker push-button 2	1 bit DPT_Enable	C,W

3.7.3 Dimmer rocker push-button

Number	Name	Object Function	Descri	Leng	Group Addre	С	R	W	т	U	Data Type	Priority
	Rocker push-button 1	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 1	Switching		1 bit		С	-	W	т	-	1 bit DPT_Switch	Low
	Rocker push-button 1	Relative dimming		4 bit		С	-	W	Т	-	3 bit controlled DPT_Control_Dim	Low
⊒‡7	Rocker push-button 2	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 2	Switching		1 bit		С	-	W	т	-	1 bit DPT_Switch	Low
⊒‡9	Rocker push-button 2	Relative dimming		4 bit		С	-	W	Т	-	3 bit controlled DPT_Control_Dim	Low
	Rocker push-button 1	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
⊒‡33	Rocker push-button 2	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
			1								1	

No.	Function	Object name	Type of datum	Flags
0	Disabling	Rocker push-button 1	1 bit DPT_Enable	C,W
7	Disabling	Rocker push-button 2	1 bit DPT_Enable	C,W

The channel circuitry can be blocked or enabled using the communication object.

A blocked channel behaves as if there was no input signal. Communication objects of the channel are still available.

1	Switching	Rocker push-button 1	1 bit DPT_Switch	C,W,T
8	Switching	Rocker push-button 2	1 bit DPT_Switch	C,W,T
Telegra	am value:	"0" OFF		
		"1" ON		

According to parameter setting, this communication object can be switched by the ON, OFF or Switching input drive. With Switching the previous value, for example "1", is directly switched to value "0". It is important to ensure that the communication object can be written from the outside. Therefore cyclic sending is interrupted or is not possible.

2	Relative dimming	Rocker push-button 1	1 bit DPT_Switch	C,W,T
9	Relative dimming	Rocker push-button 2	1 bit DPT_Switch	C,W,T
Telegr	am value:	"0" OFF		

"1" ON

According to parameter setting, this communication object can be switched by the ON, OFF or Switching input drive. With Switching the previous value, for example "1", is directly switched to value "0". It is important to ensure that the communication object can be written from the outside. Therefore cyclic sending is interrupted or is not possible.

32	Disabling LED	Rocker push-button 1	1 bit DPT_Enable	C,W
33	Disabling LED	Rocker push-button 2	1 bit DPT_Enable	C,W

Operation of communication objects

3.7.4 Shutter rocker push-button

Number	Name	Object Function	Descri	Leng	Group Addre	С	R	W	т	U	Data Type	Priority
⊒ ‡]0	Rocker push-button 1	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 1	Shutter up - down		1 bit		С	-	-	Т	-	1 bit DPT_UpDown	Low
	Rocker push-button 1	Stop/Louvre up-down		1 bit		С	-	-	Т	-	8 bit unsigned value DPT_Value_1	Low
	Rocker push-button 2	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 2	Shutter Up/Down		1 bit		С	-	-	т	-	1 bit DPT_UpDown	Low
⊒⊉9	Rocker push-button 2	Stop/Louvre up down		1 bit		С	-	W	Т	U	8 bit unsigned value DPT_Value_1	Low
≣‡32	Rocker push-button 1	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
■2 33	Rocker push-button 2	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low

No.	Function	Object name	Type of datum	Flags
0	Disabling	Rocker push-button 1	1 bit DPT_Enable	C,W
7	Disabling	Rocker push-button 2	1 bit DPT_Enable	C,W

The channel circuitry can be blocked or enabled using the communication object.

A blocked channel behaves as if there was no input signal. Communication objects of the channel are still available.

1	Shutter up-down	Rocker push-button 1	1 bit DPT_UpDown	C,T
8	Shutter up-down	Rocker push-button 2	1 bit DPT_UpDown	C,T
This c	ommunication object sends a shutte	er movement control (UP or I	DOWN) over the bus.	
2	Stop/Louvre up-down	Rocker push-button 1	1 bit DPT_Step	C,T
9	Stop/Louvre up-down	Rocker push-button 2	1 bit DPT_Step	C,T
Telegra	am value:	"0" OFF		
		"1" ON		

According to parameter setting, this communication object can be switched by the ON, OFF or Switching input drive. With Switching the previous value, for example "1", is directly switched to value "0". It is important to ensure that the communication object can be written from the outside. Therefore cyclic sending is interrupted or is not possible.

32	Disabling LED	Rocker push-button 1	1 bit DPT_Enable	C,W
33	Disabling LED	Rocker push-button 2	1 bit DPT_Enable	C,W

Number	r Name		Object Function	Descri Leng Group A	ddre C	R	w	Т	J Data Type		Priority
		ısh-button 1	Disabling	1 bit	С	-	W	-	1 bit DPT_Enable		Low
		ish-button 1	Actuator unit A	1 bit	-				J 1 bit DPT_Switch		Low
⊒‡[2 ,⊒t≭la	•		Actuator unit B	1 bit	-				J 1 bit DPT_Switch		Low
≣द्म3 ≣द्म4			Actuator unit C Actuator unit D	1 bit 1 bit	-				J 1 bit DPT_Switch J 1 bit DPT_Switch		Low Low
⊒‡ 5	•		Actuator unit E	1 bit	c			-	J 1 bit DPT_Switch		Low
			1 bit	c		w		J 1 bit DPT_Enable		Low	
		ush-button 2	Disabling	1 bit	С		w		1 bit DPT_Enable		Low
	Rocker pu	ish-button 2	Actuator unit A	1 bit	С	-	w	т	J 1 bit DPT_Switch		Low
⊒‡]9	Rocker pu	ish-button 2	Actuator unit B	1 bit	С	-	W	Т	J 1 bit DPT_Switch		Low
■210		ish-button 2	Actuator unit C	1 bit	С				J 1 bit DPT_Switch		Low
■2 11		ish-button 2	Actuator unit D	1 bit	-		W		J 1 bit DPT_Switch		Low
⊒ ‡12		ish-button 2	Actuator unit E	1 bit	С			T ·	1 bit DPT_Switch		Low
		ish-button 2	Store scene	1 bit	-				J 1 bit DPT_Enable		Low
		ish-button 1	Disabling LED	1 bit 1 bit	C C		w w		1 bit DPT_Enable 1 bit DPT_Enable		Low Low
u del	KOCKER PU	ish-button 2	Disabling LED	1 bit	C .	-	vv		I bit DPT_Enable		LOW
1	No.	Functio	n	Object name			ype	of	datum	Flags	
	0	Disablir	າg	Rocker push-bu	button 1 1 bit DPT_Enable		T_Enable	C,W			
	7	Disabling		Rocker push-bu	tton 2 1 bit DPT_Enable				T_Enable	C,W	
		-	can be blocked or ena	-				-		e still ava	ilabla
				1 0							nabie.
	,2,3 4.5	Actuato	or unit A/B/C/D/E	Rocker push-bu	tton 1	1	bit	DF	PT Switch	C,W,T,U	
8,			or unit A/B/C/D/E or unit A/B/C/D/E	Rocker push-bu Rocker push-bu					PT Switch PT Switch	C,W,T,U C,W	
8, 1	4.5 9,10 1.12	Actuato		Rocker push-bu	tton 2	1	bit	DF	PT Switch		
8, 1	4.5 9,10 1.12	Actuato	or unit A/B/C/D/E	Rocker push-bu	tton 2	1 fulf	bit fil th	DF ne s	PT Switch	C,W	
8, 1	4.5 9,10 1.12	Actuato	br unit A/B/C/D/E bject sends the follow value [ON/OFF]	Rocker push-bu	tton 2 e bus to	1 fulf	bit fil th PT	DF ne s 1.0	PT Switch	C,W	J
8, 1 [.] This	4.5 9,10 1.12 commur	Actuato	br unit A/B/C/D/E bject sends the follow value [ON/OFF] cene	Rocker push-bur wing values over th EIS 1	tton 2 e bus to tton 1	1 fulf D	bit fil th PT bit	DF ne s 1.0 DF	P T Switch cene setting. 01 switching con	C,W	J
8, 1 [.] This This This over	4.5 9,10 1.12 commur 6 13 commur option c the bus.	Actuator nication o 1-Byte v Store so Store so nication o an be set	br unit A/B/C/D/E bject sends the follow value [ON/OFF] cene	Rocker push-bu wing values over th EIS 1 Rocker push-bu Rocker push-bu ith the option "obje ore scene". This co	tton 2 e bus to tton 1 tton 2 ect value	1 fulf 1 1 = 1	bit fil th PT bit bit	DF ne s 1.0 DF DF	PT Switch cene setting. 01 switching com PT Enable PT Enable	C,W nmand C,W,T,L C,W,T,L]
8, 1 [:] This This This over The 1	4.5 9,10 1.12 commur 6 13 commur option c the bus.	Actuator nication o 1-Byte v Store so Store so nication o an be set	br unit A/B/C/D/E bject sends the follow value [ON/OFF] cene bject appears only w in the parameter "St on the type of scene	Rocker push-bu wing values over th EIS 1 Rocker push-bu Rocker push-bu ith the option "obje ore scene". This co	tton 2 e bus to tton 1 tton 2 ect value ommunica	1 fulf 1 = 1 atic	bit PT bit bit ". on c	DF ne s 1.0 DF DF	PT Switch cene setting. 01 switching com PT Enable PT Enable	C,W nmand C,W,T,L C,W,T,L]

3.7.5 Scene rocker push-button

The "Disabling Led" communication object makes it possible to enable (1) the LED so as that it switches on or off depending on the operating mode selected from the parameters or to disable it (0) forcing it into a continuous switching off status.

Rocker push-button 2

1 bit DPT_Enable

C,W

Disabling LED

33

3.7.6 8 bit scene rocker push-button

Number	Name	Object Function	Descri	Leng	Group Addre	С	R	W	т	U	Data Type	Priority
⊒ ‡ 0	Rocker push-button 1	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 1	8 bit scene		1 Byte		С	-	W	Т	U		Low
⊒‡6	Rocker push-button 1	Store scene		1 bit		С	-	W	Т	U	1 bit DPT_Enable	Low
⊒ ‡ 7	Rocker push-button 2	Disabling		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
⊒\$ 8	Rocker push-button 2	8 bit scene		1 Byte		С	-	W	Т	U		Low
	Rocker push-button 2	Store scene		1 bit		С	-	W	Т	U	1 bit DPT_Enable	Low
	Rocker push-button 1	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low
	Rocker push-button 2	Disabling LED		1 bit		С	-	W	-	-	1 bit DPT_Enable	Low

No.	Function	Object name	Type of datum	Flags
INO.	FUNCTION		Type of datum	riags
0	Disabling	Rocker push-button 1	1 bit DPT_Enable	C,W
7	Disabling	Rocker push-button 2	1 bit DPT_Enable	C,W
The ch	nannel circuitry can be bloc	ked or enabled using the co	ommunication object.	
A bloc	ked channel behaves as if th	ere was no input signal. Cor	nmunication objects of the channel are s	till available
1	8 bit scene	Rocker push-button 1	1 byte DPT_Unsigned_Counter_	C,W,T
			value	
8	8 bit scene	Rocker push-button 2	1 byte DPT_Unsigned_Counter_ value	C,W,T
This co	ommunication object sends	the following values over t	he bus to fulfil the scene setting.	I
	1-Byte value [ON/OFF]	EIS 1	DPT 1.001 switching command	
6	Store scene	Rocker push-button 1	1 bit DPT Enable	C,W,T,U
13	Store scene	Rocker push-button 2	1 bit DPT Enable	C,W,T,U
This o over th			ject value = 1". ommunication object is used to start so	ene storag

32	Disabling LED	Rocker push-button 1	1 bit DPT_Enable	C,W
33	Disabling LED	Rocker push-button 2	1 bit DPT_Enable	C,W

3.7.7 Direct LED management

Number	Name	Object Function	Descri	Leng	Group Addre	С	R	W	Т	U	Data Type		Priority
⊒28	Rocker push-button 1	Upper LED		1 bit		С	-	W	-	-	1 bit DPT_S	witch	Low
⊒2]29	Rocker push-button 1	Lower LED	1 bit			С	-	W	-	-	1 bit DPT_S	witch	Low
■2 30	Rocker push-button 2	Upper LED	1 bit			С	-	W	-	-	1 bit DPT_S	witch	Low
⊒‡]31	Rocker push-button 2	Lower LED	1 bit			С	-	W	-	-	1 bit DPT_S	witch	Low
3 2	Rocker push-button 1	Disabling LED	1 bit			С	-	W	-	-	1 bit DPT_Er	nable	Low
■\$ 33	Rocker push-button 2	Disabling LED	1 bit			С	-	W	-	-	1 bit DPT_E	nable	Low
No. Function			Object name)	Ту	/pe d	of c	dati	Jm		Flags		
28	28 Upper LED Rocke			h-butt	on 1 1	bit [DP.	T S	wi	tcł	h	C,W	
30	Upper LED		Rocker pus	h-butt	on 2 1	1 bit DPT Switch				tcł	n	C,W	
a teleç 29	gram containing	the value 1 to	switch them Rocker pus			swit						C,W	
31	Lower LED		Rocker pus	h-butt	on 2 1	1 bit DPT Switch				tcł	C,W		
	gh these commu am containing th										us directl	y over the	bus. Send a
32	Disabling LED)	Rocker pus	h-butt	on 1 1	bit [DP'	T_E	Ena	abl	е	C,W	
	Disabling LED)	Rocker pus	h-butt	on 2 1	bit [DP	T_E	Ena	abl	е	C,W	
33													

4 Table of 8 bit scene telegram codes

Bit n. 7 6 5 4 3 2 1 0 Bit n. 7 6 5 4 3 2 1 0 Bit n. 7 6 5 4 3 2 1 0 Bit n. 7 6 5 4 3 2 1 0 Bit n. 7 6 5 4 3 2 1 0 Bit n. 7 6 5 4 3 3 2 1 0 Bit n. 7 6 5 4 3 3 2 1 0 Bit n. 7 6 5 4 3	3 2 1 0
Valore di 8 bit Valore di 8 bit Richiam./memoriz. Non definito Cenario numero Scenario numero Scenario numero Scenario numero Bithiamare (A)/ Memorizzare (S) Memorizzare (S)	our or scenario numero Richiamare (A)/ Memorizzare (S)
8 bit 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nun are (
Valore di 8 Valore di 8 So on definita definita Memorizza de cima a Bichiam/m Bichiam/m Richiam/m Richiam/m Richiam/m	iam.
Valore di 8 bit Esade cimale Richitam/memor Non definito Non definito energianare (A)/ Memorizzare (S) Bichiamare (A)/ Memorizzare (S) Memorizzare (S)	Scenario numer Richiamare (A)/ Memorizzare (S)
0 00 0 0 0 0 0 0 0 0 0 0 1 A 154 9A 1 0 0 1	1 0 1 0 27 S
1 01 0 0 0 0 1 2 A 2 02 0 0 0 0 1 0 3 A 2 02 0 0 0 0 1 0 3 A 156 9C 1 0 0 1 0 0 1	1 0 1 1 28 S 1 1 0 0 29 S
3 03 0 0 0 0 1 1 4 A 157 9D 1 0 0 1 4 04 0 0 0 0 1 0 0 5 A 158 9E 1 0 0 1 4 04 0 0 0 0 1 0 0 5 A 158 9E 1 0 0 1	1 1 0 1 30 S 1 1 1 0 31 S
5 05 0 0 0 1 0 1 6 A 159 9F 1 0 0 1 6 06 0 0 0 0 1 1 0 7 A 160 A0 1 0 1	1 1 1 1 32 S 0 0 0 0 33 S
7 07 0 0 0 0 1 1 1 8 A 161 A1 1 0 <td>0 0 0 1 34 S 0 0 1 0 35 S</td>	0 0 0 1 34 S 0 0 1 0 35 S
9 09 0 0 0 1 0 0 1 10 A 10 0A 0 0 0 1 0 1 10 A 10 0A 0 0 0 1 0 1 A 163 A3 1 0 1 0	0 0 1 1 36 S 0 1 0 0 37 S
11 0B 0 0 0 1 1 12 A 12 0C 0 0 0 1 1 1 12 A 13 0D 0 0 0 1 1 0 1 A	0 1 0 1 38 S 0 1 1 0 39 S 0 1 1 1 40 S
14 0E 0 0 0 0 1 1 1 1 0 15 A 168 A8 1 0 1 0 1 0	1 0 0 0 41 S
15 0F 0 0 0 1 1 1 16 A 16 10 0 0 1 0 0 0 17 A	1 0 0 1 42 S 1 0 1 0 43 S
17 11 0 0 1 18 A 171 AB 1 0 1 0 18 12 0 0 0 1 0 19 A 172 AC 1 0 1 0	1 0 1 1 44 S 1 1 0 0 45 S
19 13 0 0 1 0 0 1 1 20 A 173 AD 1 0 1 0 20 14 0 0 0 1 0 0 21 A 174 AE 1 0 1 0	1 1 0 1 46 S 1 1 1 0 47 S
21 15 0 0 1 0 1 22 A 22 16 0 0 1 0 1 0 23 A 23 17 0 0 1 1 1 0 23 A 175 B0 1 0 1 1 1 24 A 177 B1 1 0 1 1 1 24 A	1 1 1 1 48 S 0 0 0 0 49 S
24 18 0 0 0 1 1 0 0 0 25 A 178 B2 1 0 1 1	0 0 0 1 50 S 0 0 1 0 51 S
25 19 0 0 1 1 0 0 1 26 A 179 B3 1 0 1 1 26 1 A 0 0 1 1 0 27 A 180 B4 1 0 1 1	0 0 1 1 52 S 0 1 0 0 53 S
27 1B 0 0 1 1 0 1 1 28 A 181 B5 1 0 1 1 28 1C 0 0 1 1 1 0 0 29 A 182 B6 1 0 1 1	0 1 0 1 54 S 0 1 1 0 55 S
29 1D 0 0 0 1 1 1 30 A 183 B7 1 0 1 1 30 1E 0 0 0 1 1 1 0 31 A 183 B7 1 0 1 1 30 1E 0 0 0 1 1 1 0 31 A 184 B8 1 0 1 1	0 1 1 1 56 S 1 0 0 0 57 S
31 1F 0 0 1 1 1 1 32 A 185 B9 1 0 1 1 32 20 0 0 1 0 0 0 33 A 186 BA 1 0 1 1	1 0 0 1 58 S 1 0 1 0 59 S
33 21 0 0 1 0 0 1 34 A 187 BB 1 0 1 1 34 22 0 0 1 0 35 A 188 BC 1 0 1 1	1 0 1 1 60 S 1 1 0 0 61 S
35 23 0 0 1 0 0 1 1 36 A 36 24 0 0 1 0 0 37 A	1 1 0 1 62 S 1 1 1 0 63 S
37 25 0 0 1 0 1 0 1 38 A 38 26 0 0 1 0 1 1 0 39 A 38 26 0 0 1 0 0 1 1 0 39 A	
39 27 0 0 1 0 0 1 1 40 A 40 28 0 0 1 0 1 0 0 41 A	
41 29 0 0 1 0 0 1 42 A 42 2.A 0 0 1 0 1 0 43 A 42 2.A 0 0 1 0 1 0 43 A	
43 2B 0 0 1 0 1 1 1 44 A 44 2C 0 0 1 0 1 45 A 44 2C 0 0 1 0 0 45 A	
45 2D 0 0 1 0 1 46 A 46 2E 0 0 1 0 1 1 0 47 A 46 2E 0 0 1 0 1 4 46 A	
47 2F 0 0 1 0 1 1 1 48 A 48 30 0 0 1 1 0 0 0 49 A 48 30 0 0 1 0 0 0 49 A	
49 31 0 0 1 1 0 0 1 50 A 50 32 0 0 1 1 0 0 1 0 51 A 50 32 0 0 1 1 0 0 1 0 51 A	
51 33 0 0 1 1 0 0 1 1 52 A 52 34 0 0 1 1 0 0 53 A 62 34 0 0 1 0 0 53 A	
53 35 0 0 1 1 0 1 54 A 54 36 0 0 1 1 0 1 55 A	
55 37 0 0 1 1 0 1 1 56 A 56 38 0 0 1 1 1 0 57 A	
57 39 0 0 1 1 0 0 1 58 A 58 3A 0 0 1 1 1 0 10 59 A 58 3A 0 0 1 1 1 0 59 A	
59 3B 0 0 1 1 1 0 1 1 60 A 60 3C 0 0 1 1 1 0 0 61 A 60 3C 0 0 1 1 1 0 0 61 A	
61 3D 0 0 1 1 1 0 1 62 A 62 3E 0 0 1 1 1 1 0 63 A	
63 3F 0 0 1 1 1 1 0 A 128 80 1 0 0 0 0 0 1 S 128 80 1 0 0 0 0 0 1 S	
129 81 1 0 0 0 0 1 2 S 130 82 1 0 0 0 1 0 3 S 160 62 1 0 0 0 1 0 3 S	
131 83 1 0 0 0 0 1 1 4 S 132 84 1 0 0 0 1 0 5 S	
132 84 1 0 0 0 1 0 0 5 S 133 85 1 0 0 0 1 0 1 6 S 134 86 1 0 0 0 1 1 6 S 135 87 1 0 0 0 1 1 8 S	
135 87 1 0 0 0 1 1 1 8 S 136 88 1 0 0 0 1 0 0 9 S	
137 89 1 0 0 1 0 0 1 10 S 138 8A 1 0 0 1 0 1 0 11 S	
139 8B 1 0 0 1 0 1 1 12 S 140 8C 1 0 0 1 1 0 13 S	
141 8D 1 0 0 1 1 0 1 144 S 142 8E 1 0 0 1 1 1 0 15 S	
143 8F 1 0 0 1 1 1 16 S 144 90 1 0 0 0 0 17 S	
146 92 1 0 0 1 0 0 1 0 19 S	
147 93 1 0 0 1 1 20 S 148 94 1 0 0 1 0 0 21 S	
149 95 1 0 0 1 0 1 0 1 22 S 150 96 1 0 0 1 0 1 0 1 23 S	
151 97 1 0 0 1 1 1 24 S 152 98 1 0 0 1 1 0 25 S	
153 99 1 0 0 1 1 0 0 1 26 S	

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