CATALOGUE

Termination solutions

Easily and reliably connect your wires

Experience the Spec-Kon® advantage! ABB developed the first tool-applied solderless terminals and connectors more than 60 years ago in response to industry awareness of the need for better performance of electrical systems.

Table of contents

004–067 **Spec-Kon® - Crimp terminals**

068–103 **Color-Keyed® & Spec-Kon® - power cable connectors**

104–133 **Dragon Tooth® - magnet wire terminals**

134–151 **Shield-Kon® - shielded cable connectors**

152–162 **Index**

Spec-Kon®
Solderless crimp connectors

Experience the Spec-Kon® advantage! ABB developed the first tool-applied solderless terminals and connectors more than 60 years ago in response to industry awareness of the need for better performance of electrical systems.

Since then, the crimping technology, in which a permanent joining of wires / cables to connectors is achieved by the insertion of a conductor into the barrel of the connector, which is then compressed to form a solid joint, has proven its many advantages year after year. Reliability of connection, low installed cost, low level of skill required to produce repeatable and quality crimps, environmental compliance (versus soldering for instance) are examples of benefits that have given this technology its natural superiority.

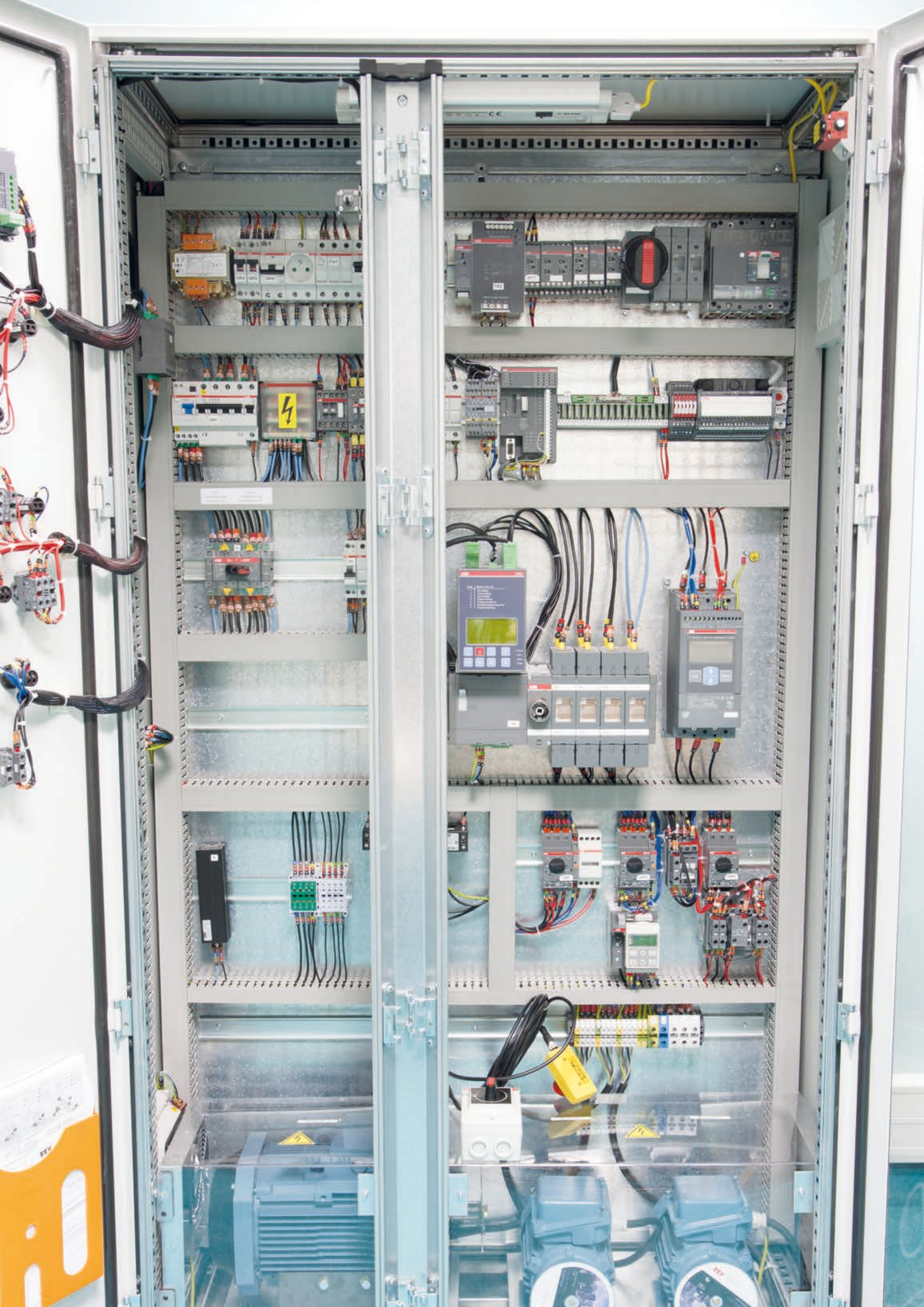
Easy entry design
This feature makes wire insertion faster and easier. Chamfering eliminates wire strand “hang up” and departure upon insertion into the terminal’s barrel. The loss of even a couple of wire strands can have negative results on electrical efficiency and resistance to mechanical strain.

Brazed seam/tubular construction
Spec-Kon® brazed seam connectors have a barrel with brazed seam (or a tubular construction), which provides increased mechanical properties (no barrel separation during the crimp process, higher wire pullout force) and electrical properties (reduced chances of wirestrand loss and electrical failure) compared to butted seam connectors.

Double crimp
The double crimp feature has an extra copper sleeve within the barrel to ensure additional solid conductivity and pull-out-strength. Ideal for high vibration or heavy industrial applications.

Wide range of styles, materials and application tools
Extensive range of styles to suit the various applications: rings, forks, blades, pins, bootlace ferrules, disconnects, splices…. Non-insulated or insulated with various types of material (Vinyl, Nylon) according to the specific requirements (moisture protection, short circuits, dust, and solid crimping against vibration).

Complete range of tooling, from ergonomic hand tool to pneumatic and hydraulic power tools.



Spec-Kon® crimp terminals

Product selection guide

Characteristics

With the Spec-Kon® range of solderless terminals, ABB offers a complete termination system:

- Terminals for wires from 0.5 to 6.0mm^2
- Standard and unique products for specific applications
- Products for harsh or ambient environments

Spec-Kon® crimp terminals – Features and benefits

Features	Benefits
Several styles: Rings, forks, blades, pins, bootlace ferrules, male and female disconnects, …	To cover all types of application
Several insulation materials: PVC (Vinyl), PA (Nylon), PP (Polypropylene)	Multiple temperature and flammability rating
Colour coded insulators, according to DIN cable sizes	Instant identification and selection of the terminal
Brazed seam (with some terminals)	No barrel separation during crimping
Easy entry design (with some terminals)	Avoid wire hang up and allows fast and secure insertion of the conductor
High conductivity electrolytic copper	Superior conductivity and low contact resistance with a strong connection
Electro-tin plating	Maximum corrosion resistance
Internal barrel serrations (with some terminals)	Better contact (low contact resistance) and improved mechanical properties (against vibration and pull out)
Dimensional specifications according to DIN 46237 and DIN 46234 (with some terminals) only applies to DIN terminals	Standardised dimensioning
Cable size and bolt size marking (on most terminals)	Instant identification and selection of the terminal

Spec-Kon® crimp terminals

Product selection guide

Product selection guide

Terminal type		Material	Plating	Marking	Metal barrel	Insulation	Colour coding	Cable insertion	Page
Insulated terminals									
	Ring	Copper	Tin plated	Wire size & bolt size	With brazed seam or butted seam	PVC / PA	Yes	Easy entry*	8
	Fork	Copper	Tin plated	Wire size & bolt size	With brazed seam or butted seam	PVC / PA	Yes	Easy entry*	14
	Blade	Copper	Tin plated	Wire size & blade width	With brazed seam or butted seam	PVC/PA	Yes	Easy entry*	20
	Pin	Copper	Tin plated	-	With brazed seam or butted seam	PVC/PA	Yes	Easy entry*	25
	Splice	Copper	Tin plated	-	With brazed seam or butted seam	PVC	Yes	-	28
	Cord End	Copper	Tin plated	-	Copper tube	PP	Yes	-	50
	Disconnect	Brass	Tin plated	Wire size & Tab size	With brazed seam or butted seam	PVC/PA	Yes	Easy entry	29
	Bullet	Phosphor bronze / Brass	Tin plated	-	With brazed seam or butted seam	PA	Yes	Easy entry	36
	Receptable	Brass	Tin plated	-	With brazed seam or butted seam	PVC / PA	Yes	Easy entry	39
Non-insulated terminals									
	Ring	Copper	Tin plated	Wire size & bolt size	Brazed seam				42
	Fork	Copper	Tin plated	Wire size & bolt size	Brazed seam				44
	Blade	Copper	Tin plated	Wire size & blade width	Brazed seam				45
	Pin	Electrolytic Copper	Tin plated	-	Brazed seam				46
	Splice	Copper	Tin plated	-	-				47
	Disconnect	Brass	Tin plated	Wire size & Tab size	-				48
	Cord end	Copper	Tin plated	-	-				63

* with some terminals

Spec-Kon® insulated terminals

Vinyl-insulated ring single crimp terminals

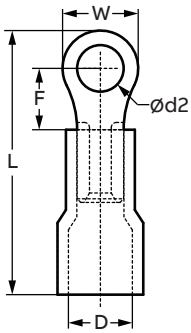
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-insulated ring single crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-3VSC	7TCA301300R0151	0.5-1.5		M3	17.5 (0.69)	4.8 (0.19)	5.5 (0.22)	4.3 (0.17)	100	ERG9002
R1.5-35VSC	7TCA301300R0152	0.5-1.5		M3.5	20.8 (0.82)	7.0 (0.28)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-4VSC	7TCA301300R0153	0.5-1.5		M4	20.8 (0.82)	7.0 (0.28)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-5VSC	7TCA301300R0154	0.5-1.5		M5	20.8 (0.82)	7.0 (0.28)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-6VSC	7TCA301300R0155	0.5-1.5		M6	26.7 (1.05)	11.0 (0.43)	11.8 (0.46)	4.3 (0.17)	100	
R1.5-8VSC	7TCA301300R0156	0.5-1.5		M8	26.7 (1.05)	11.0 (0.43)	11.8 (0.46)	4.3 (0.17)	100	
R1.5-10VSC	7TCA301300R0157	0.5-1.5		M10	30.5 (1.20)	13.9 (0.55)	13.6 (0.54)	4.3 (0.17)	100	
R2.5-3VSC	7TCA301300R0158	1.5-2.5		M3	17.8 (0.70)	4.7 (0.19)	6.6 (0.26)	4.8 (0.19)	100	
R2.5-35VSC	7TCA301300R0159	1.5-2.5		M3.5	21.8 (0.86)	7.4 (0.29)	8.5 (0.33)	4.8 (0.19)	100	
R2.5-4VSC	7TCA301300R0160	1.5-2.5		M4	21.8 (0.86)	7.8 (0.31)	8.5 (0.33)	4.8 (0.19)	100	
R2.5-5VSC	7TCA301300R0161	1.5-2.5		M5	22.0 (0.87)	7.3 (0.29)	9.6 (0.38)	4.8 (0.19)	100	
R2.5-6VSC	7TCA301300R0162	1.5-2.5		M6	26.9 (1.06)	11.0 (0.43)	11.8 (0.46)	4.8 (0.19)	100	
R2.5-8VSC	7TCA301300R0163	1.5-2.5		M8	26.9 (1.06)	11.0 (0.43)	11.8 (0.46)	4.8 (0.19)	100	
R2.5-10VSC	7TCA301300R0164	1.5-2.5		M10	30.5 (1.20)	13.6 (0.54)	13.6 (0.54)	4.8 (0.19)	100	
R6-35VSC	7TCA301300R0280	4.0-6.0		M3.5	22.7 (0.89)	6.1 (0.24)	7.2 (0.28)	6.7 (0.26)	100	
R6-4VSC	7TCA301300R0165	4.0-6.0		M4	26.0 (1.02)	8.3 (0.33)	9.5 (0.37)	6.7 (0.26)	100	
R6-5VSC	7TCA301300R0166	4.0-6.0		M5	26.0 (1.02)	8.3 (0.33)	9.5 (0.37)	6.7 (0.26)	100	
R6-6VSC	7TCA301300R0167	4.0-6.0		M6	29.5 (1.16)	10.5 (0.41)	12.0 (0.47)	6.7 (0.26)	100	
R6-8VSC	7TCA301300R0168	4.0-6.0		M8	34.0 (1.34)	13.5 (0.53)	15.0 (0.59)	6.7 (0.26)	100	
R6-10VSC	7TCA301300R0169	4.0-6.0		M10	34.0 (1.34)	13.5 (0.53)	15.0 (0.59)	6.7 (0.26)	100	
R6-12VSC	7TCA301300R0170	4.0-6.0		M12	38.6 (1.52)	16.0 (0.63)	19.2 (0.76)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated ring single crimp DIN46237 terminals

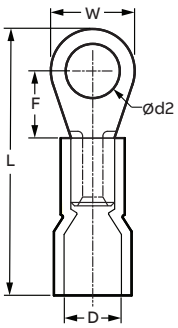
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, DIN4623

Vinyl-insulated ring single crimp DIN46237 terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-2VSC-DIN	7TCA301320R0111	0.5-1.5		M2	20.2 (0.80)	17.2 (0.68)	6.0 (0.24)	4.3 (0.17)	100	ERG9002
R1.5-25VSC-DIN	7TCA301320R0037	0.5-1.5		M2.5	20.2 (0.80)	17.2 (0.68)	6.0 (0.24)	4.3 (0.17)	100	
R1.5-3VSC-DIN	7TCA301320R0038	0.5-1.5		M3	20.2 (0.80)	17.2 (0.68)	6.0 (0.24)	4.3 (0.17)	100	
R1.5-35VSC-DIN	7TCA301320R0039	0.5-1.5		M3.5	20.2 (0.80)	17.2 (0.68)	6.0 (0.24)	4.3 (0.17)	100	
R1.5-4VSC-DIN	7TCA301320R0040	0.5-1.5		M4	22.2 (0.87)	18.2 (0.72)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-5VSC-DIN	7TCA301320R0041	0.5-1.5		M5	24.2 (0.95)	19.2 (0.76)	10.0 (0.39)	4.3 (0.17)	100	
R1.5-6VSC-DIN	7TCA301320R0042	0.5-1.5		M6	24.2 (0.95)	19.2 (0.76)	10.0 (0.39)	4.3 (0.17)	100	
R1.5-8VSC-DIN	7TCA301320R0043	0.5-1.5		M8	30.2 (1.19)	23.2 (0.91)	14.0 (0.55)	4.3 (0.17)	100	
R1.5-10VSC-DIN	7TCA301320R0044	0.5-1.5		M10	30.2 (1.19)	23.2 (0.91)	14.0 (0.55)	4.3 (0.17)	100	
R1.5-12VSC-DIN	7TCA301320R0112	0.5-1.5		M12	35.2 (1.39)	26.2 (1.03)	18.0 (0.71)	4.3 (0.17)	100	
R2.5-3VSC-DIN	7TCA301320R0045	1.5-2.5		M3	20.5 (0.81)	17.5 (0.69)	6.0 (0.24)	4.8 (0.19)	100	
R2.5-35VSC-DIN	7TCA301320R0046	1.5-2.5		M3.5	20.5 (0.81)	17.5 (0.69)	6.0 (0.24)	4.8 (0.19)	100	
R2.5-4VSC-DIN	7TCA301320R0047	1.5-2.5		M4	22.5 (0.89)	18.5 (0.73)	8.0 (0.31)	4.8 (0.19)	100	
R2.5-5VSC-DIN	7TCA301320R0048	1.5-2.5		M5	25.5 (1.00)	20.5 (0.81)	10.0 (0.39)	4.8 (0.19)	100	
R2.5-6VSC-DIN	7TCA301320R0049	1.5-2.5		M6	28.0 (1.10)	22.5 (0.89)	11.0 (0.43)	4.8 (0.19)	100	
R2.5-8VSC-DIN	7TCA301320R0050	1.5-2.5		M8	30.5 (1.20)	23.5 (0.93)	14.0 (0.55)	4.8 (0.19)	100	
R2.5-10VSC-DIN	7TCA301320R0051	1.5-2.5		M10	31.0 (1.22)	23.5 (0.93)	15.0 (0.59)	4.8 (0.19)	100	
R2.5-12VSC-DIN	7TCA301320R0052	1.5-2.5		M12	35.5 (1.40)	26.5 (1.04)	18.0 (0.71)	4.8 (0.19)	100	
R6-4VSC-DIN	7TCA301320R0053	4.0-6.0		M4	26.2 (1.03)	22.2 (0.87)	8.0 (0.31)	6.7 (0.26)	100	
R6-5VSC-DIN	7TCA301320R0054	4.0-6.0		M5	27.2 (1.07)	23.2 (0.91)	10.0 (0.39)	6.7 (0.26)	100	
R6-6VSC-DIN	7TCA301320R0055	4.0-6.0		M6	29.2 (1.15)	23.7 (0.93)	11.0 (0.43)	6.7 (0.26)	100	
R6-8VSC-DIN	7TCA301320R0056	4.0-6.0		M8	34.2 (1.35)	27.2 (1.07)	14.0 (0.55)	6.7 (0.26)	100	
R6-10VSC-DIN	7TCA301320R0057	4.0-6.0		M10	38.2 (1.50)	29.2 (1.15)	18.0 (0.71)	6.7 (0.26)	100	
R6-12VSC-DIN	7TCA301320R0058	4.0-6.0		M12	38.2 (1.50)	29.2 (1.15)	18.0 (0.71)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated ring easy-entry double crimp terminals

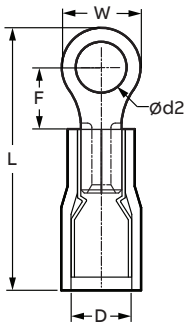
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-insulated ring easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-3VDC	7TCA301300R0214	0.5-1.5		M3	17.5 (0.69)	4.8 (0.19)	5.5 (0.22)	4.3 (0.17)	100	ERG9004
R1.5-35VDC	7TCA301300R0215	0.5-1.5		M3.5	20.8 (0.82)	7.0 (0.28)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-4VDC	7TCA301300R0216	0.5-1.5		M4	20.8 (0.82)	7.0 (0.28)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-5VDC	7TCA301300R0217	0.5-1.5		M5	20.8 (0.82)	7.0 (0.28)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-6VDC	7TCA301300R0218	0.5-1.5		M6	26.7 (1.05)	11.0 (0.43)	11.8 (0.46)	4.3 (0.17)	100	
R1.5-8VDC	7TCA301300R0219	0.5-1.5		M8	26.7 (1.05)	11.0 (0.43)	11.8 (0.46)	4.3 (0.17)	100	
R1.5-10VDC	7TCA301300R0220	0.5-1.5		M10	30.5 (1.20)	13.9 (0.55)	13.6 (0.54)	4.3 (0.17)	100	
R2.5-3VDC	7TCA301300R0222	1.5-2.5		M3	17.8 (0.70)	4.7 (0.19)	6.6 (0.26)	5.0 (0.20)	100	
R2.5-35VDC	7TCA301300R0223	1.5-2.5		M3.5	21.8 (0.86)	7.4 (0.29)	8.5 (0.33)	5.0 (0.20)	100	
R2.5-4VDC	7TCA301300R0224	1.5-2.5		M4	21.8 (0.86)	7.8 (0.31)	8.5 (0.33)	5.0 (0.20)	100	
R2.5-5VDC	7TCA301300R0225	1.5-2.5		M5	21.8 (0.86)	7.3 (0.29)	9.6 (0.38)	5.0 (0.20)	100	
R2.5-6VDC	7TCA301300R0226	1.5-2.5		M6	26.7 (1.05)	11.0 (0.43)	12.0 (0.47)	5.0 (0.20)	100	
R2.5-8VDC	7TCA301300R0227	1.5-2.5		M8	26.7 (1.05)	11.0 (0.43)	12.0 (0.47)	5.0 (0.20)	100	
R2.5-10VDC	7TCA301300R0228	1.5-2.5		M10	30.5 (1.20)	13.6 (0.54)	13.6 (0.54)	5.0 (0.20)	100	
R6-4VDC	7TCA301300R0230	4.0-6.0		M4	26.6 (1.05)	8.3 (0.33)	9.5 (0.37)	6.8 (0.27)	100	
R6-5VDC	7TCA301300R0231	4.0-6.0		M5	26.6 (1.05)	8.3 (0.33)	9.5 (0.37)	6.8 (0.27)	100	
R6-6VDC	7TCA301300R0232	4.0-6.0		M6	29.5 (1.16)	10.5 (0.41)	12.0 (0.47)	6.8 (0.27)	100	
R6-8VDC	7TCA301300R0233	4.0-6.0		M8	34.0 (1.34)	13.5 (0.53)	15.0 (0.59)	6.8 (0.27)	100	
R6-10VDC	7TCA301300R0234	4.0-6.0		M10	34.0 (1.34)	13.5 (0.53)	15.0 (0.59)	6.8 (0.27)	100	
R6-12VDC	7TCA301300R0235	5.0-6.0		M12	38.6 (1.52)	16.0 (0.63)	19.2 (0.76)	6.8 (0.27)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated ring easy-entry double crimp DIN46237 terminals

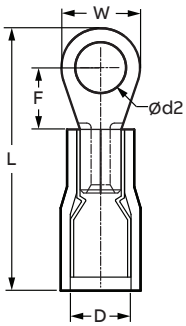
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, DIN46237

Vinyl-insulated ring easy-entry double crimp DIN46237 terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-2VDC-DIN	7TCA301320R0113	0.5-1.5		M2.5	19.0 (0.75)	16.0 (0.63)	6.0 (0.24)	4.3 (0.17)	100	ERG9004
R1.5-25VDC-DIN	7TCA301320R0074	0.5-1.5		M2.5	19.0 (0.75)	16.0 (0.63)	6.0 (0.24)	4.3 (0.17)	100	
R1.5-3VDC-DIN	7TCA301320R0075	0.5-1.5		M3	19.0 (0.75)	16.0 (0.63)	6.0 (0.24)	4.3 (0.17)	100	
R1.5-35VDC-DIN	7TCA301320R0076	0.5-1.5		M3.5	19.0 (0.75)	16.0 (0.63)	6.0 (0.24)	4.3 (0.17)	100	
R1.5-4VDC-DIN	7TCA301320R0077	0.5-1.5		M4	21.0 (0.83)	17.0 (0.67)	8.0 (0.31)	4.3 (0.17)	100	
R1.5-5VDC-DIN	7TCA301320R0078	0.5-1.5		M5	23.0 (0.91)	18.0 (0.71)	10.0 (0.39)	4.3 (0.17)	100	
R1.5-6VDC-DIN	7TCA301320R0079	0.5-1.5		M6	23.0 (0.91)	18.0 (0.71)	10.0 (0.39)	4.3 (0.17)	100	
R1.5-8VDC-DIN	7TCA301320R0080	0.5-1.5		M8	29.0 (1.14)	22.0 (0.87)	14.0 (0.55)	4.3 (0.17)	100	
R1.5-10VDC-DIN	7TCA301320R0081	0.5-1.5		M10	29.0 (1.14)	22.0 (0.87)	14.0 (0.55)	4.3 (0.17)	100	
R2.5-3VDC-DIN	7TCA301320R0082	1.5-2.5		M3	19.0 (0.75)	16.0 (0.63)	6.0 (0.24)	4.8 (0.19)	100	
R2.5-35VDC-DIN	7TCA301320R0083	1.5-2.5		M3.5	19.0 (0.75)	16.0 (0.63)	6.0 (0.24)	4.8 (0.19)	100	
R2.5-4VDC-DIN	7TCA301320R0084	1.5-2.5		M4	21.0 (0.83)	17.0 (0.67)	8.0 (0.31)	4.8 (0.19)	100	
R2.5-5VDC-DIN	7TCA301320R0085	1.5-2.5		M5	24.0 (0.94)	19.0 (0.75)	10.0 (0.39)	4.8 (0.19)	100	
R2.5-6VDC-DIN	7TCA301320R0086	1.5-2.5		M6	26.5 (1.04)	21.0 (0.83)	11.0 (0.43)	4.8 (0.19)	100	
R2.5-8VDC-DIN	7TCA301320R0087	1.5-2.5		M8	29.0 (1.14)	22.0 (0.87)	14.0 (0.55)	4.8 (0.19)	100	
R2.5-10VDC-DIN	7TCA301320R0088	1.5-2.5		M10	29.5 (1.16)	22.0 (0.87)	15.0 (0.59)	4.8 (0.19)	100	
R2.5-12VDC-DIN	7TCA301320R0089	1.5-2.5		M12	34.0 (1.34)	25.0 (0.98)	18.0 (0.71)	4.8 (0.19)	100	
R6-4VDC-DIN	7TCA301320R0090	4.0-6.0		M4	25.0 (0.98)	21.0 (0.83)	8.0 (0.31)	6.7 (0.26)	100	
R6-5VDC-DIN	7TCA301320R0091	4.0-6.0		M5	27.0 (1.06)	22.0 (0.87)	10.0 (0.39)	6.7 (0.26)	100	
R6-6VDC-DIN	7TCA301320R0092	4.0-6.0		M6	28.0 (1.10)	22.5 (0.89)	11.0 (0.43)	6.7 (0.26)	100	
R6-8VDC-DIN	7TCA301320R0093	4.0-6.0		M8	33.0 (1.30)	26.0 (1.02)	14.0 (0.55)	6.7 (0.26)	100	
R6-10VDC-DIN	7TCA301320R0094	4.0-6.0		M10	37.0 (1.46)	28.0 (1.10)	18.0 (0.71)	6.7 (0.26)	100	
R6-12VDC-DIN	7TCA301320R0095	4.0-6.0		M12	37.0 (1.46)	28.0 (1.10)	18.0 (0.71)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated ring double crimp terminals

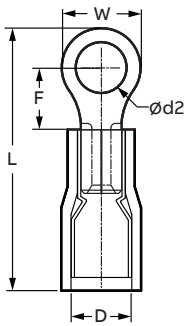
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-insulated ring double crimp terminals

Product ref.	GID number	Wire size range (mm^2)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-3NDC	7TCA301100R0140	0.5-1.5		M3	18.2 (0.72)	4.8 (0.19)	5.5 (0.22)	4.4 (0.17)	100	ERG9004
R1.5-35NDC	7TCA301100R0121	0.5-1.5		M3.5	21.5 (0.85)	7.0 (0.28)	8.0 (0.31)	4.4 (0.17)	100	
R1.5-4NDC	7TCA301100R0141	0.5-1.5		M4	21.5 (0.85)	7.0 (0.28)	8.0 (0.31)	4.4 (0.17)	100	
R1.5-5NDC	7TCA301100R0142	0.5-1.5		M5	27.4 (1.08)	11.0 (0.43)	11.8 (0.46)	4.4 (0.17)	100	
R1.5-6NDC	7TCA301100R0143	0.5-1.5		M6	27.4 (1.08)	11.0 (0.43)	11.8 (0.46)	4.4 (0.17)	100	
R1.5-8NDC	7TCA301100R0144	0.5-1.5		M8	27.4 (1.08)	11.0 (0.43)	11.8 (0.46)	4.4 (0.17)	100	
R1.5-10NDC	7TCA301100R0126	0.5-1.5		M10	31.2 (1.23)	13.9 (0.55)	13.6 (0.54)	4.4 (0.17)	100	
R2.5-3NDC	7TCA301100R0145	1.5-2.5		M3	18.5 (0.73)	4.7 (0.19)	6.6 (0.26)	5.0 (0.20)	100	
R2.5-35NDC	7TCA301100R0155	1.5-2.5		M3.5	22.5 (0.89)	7.4 (0.29)	8.5 (0.33)	5.0 (0.20)	100	
R2.5-4NDC	7TCA301100R0146	1.5-2.5		M4	22.5 (0.89)	7.8 (0.31)	8.5 (0.33)	5.0 (0.20)	100	
R2.5-5NDC	7TCA301100R0147	1.5-2.5		M5	22.7 (0.89)	7.3 (0.29)	9.6 (0.38)	5.0 (0.20)	100	
R2.5-6NDC	7TCA301100R0148	1.5-2.5		M6	27.6 (1.09)	11.0 (0.43)	12.0 (0.47)	5.0 (0.20)	100	
R2.5-8NDC	7TCA301100R0149	1.5-2.5		M8	27.6 (1.09)	11.0 (0.43)	12.0 (0.47)	5.0 (0.20)	100	
R2.5-10NDC	7TCA301100R0133	1.5-2.5		M10	31.2 (1.23)	13.6 (0.54)	13.6 (0.54)	5.0 (0.20)	100	
R6-35NDC	7TCA301100R0156	4.0-6.0		M3.5	22.7 (0.89)	6.1 (0.24)	7.2 (0.28)	7.0 (0.28)	100	
R6-4NDC	7TCA301100R0150	4.0-6.0		M4	26.0 (1.02)	8.3 (0.33)	9.5 (0.37)	7.0 (0.28)	100	
R6-5NDC	7TCA301100R0151	4.0-6.0		M5	26.0 (1.02)	8.3 (0.33)	9.5 (0.37)	7.0 (0.28)	100	
R6-6NDC	7TCA301100R0152	4.0-6.0		M6	29.5 (1.16)	10.5 (0.41)	12.0 (0.47)	7.0 (0.28)	100	
R6-8NDC	7TCA301100R0153	4.0-6.0		M8	34.0 (1.34)	13.5 (0.53)	15.0 (0.59)	7.0 (0.28)	100	
R6-10NDC	7TCA301100R0138	4.0-6.0		M10	34.0 (1.34)	13.5 (0.53)	15.0 (0.59)	7.0 (0.28)	100	
R6-12NDC	7TCA301100R0154	5.0 - 6.0		M12	38.6 (1.52)	16.0 (0.63)	19.2 (0.76)	7.0 (0.28)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated ring DIN46237 terminals

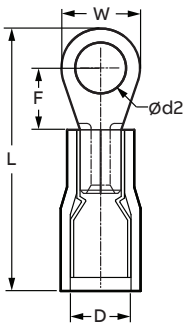
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, DIN46237

Nylon-insulated ring DIN46237 terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-2NDC-DIN	7TCA301120R0073	0.5-1.5		M2	19.7 (0.78)	17.0 (0.67)	6.0 (0.24)	4.4 (0.17)	100	ERG9004
R1.5-25NDC-DIN	7TCA301120R0037	0.5-1.5		M2.5	19.7 (0.78)	17.0 (0.67)	6.0 (0.24)	4.4 (0.17)	100	
R1.5-3NDC-DIN	7TCA301120R0038	0.5-1.5		M3	19.7 (0.78)	17.0 (0.67)	6.0 (0.24)	4.4 (0.17)	100	
R1.5-35NDC-DIN	7TCA301120R0039	0.5-1.5		M3.5	19.7 (0.78)	17.0 (0.67)	6.0 (0.24)	4.4 (0.17)	100	
R1.5-4NDC-DIN	7TCA301120R0040	0.5-1.5		M4	21.7 (0.85)	18.0 (0.71)	8.0 (0.31)	4.4 (0.17)	100	
R1.5-5NDC-DIN	7TCA301120R0041	0.5-1.5		M5	23.7 (0.93)	19.0 (0.75)	10.0 (0.39)	4.4 (0.17)	100	
R1.5-6NDC-DIN	7TCA301120R0042	0.5-1.5		M6	23.7 (0.93)	19.0 (0.75)	10.0 (0.39)	4.4 (0.17)	100	
R1.5-8NDC-DIN	7TCA301120R0043	0.5-1.5		M8	29.7 (1.17)	23.0 (0.91)	14.0 (0.55)	4.4 (0.17)	100	
R1.5-10NDC-DIN	7TCA301120R0044	0.5-1.5		M10	29.7 (1.17)	23.0 (0.91)	14.0 (0.55)	4.4 (0.17)	100	
R1.5-12NDC-DIN	7TCA301120R0074	0.5-1.5		M12	34.7 (1.37)	26.0 (1.02)	18.0 (0.71)	4.4 (0.17)	100	
R2.5-3NDC-DIN	7TCA301120R0045	1.5-2.5		M3	19.7 (0.78)	17.0 (0.67)	6.0 (0.24)	5.0 (0.20)	100	
R2.5-35NDC-DIN	7TCA301120R0046	1.5-2.5		M3.5	19.7 (0.78)	17.0 (0.67)	6.0 (0.24)	5.0 (0.20)	100	
R2.5-4NDC-DIN	7TCA301120R0047	1.5-2.5		M4	21.7 (0.85)	18.0 (0.71)	8.0 (0.31)	5.0 (0.20)	100	
R2.5-5NDC-DIN	7TCA301120R0048	1.5-2.5		M5	24.7 (0.97)	20.0 (0.79)	10.0 (0.39)	5.0 (0.20)	100	
R2.5-6NDC-DIN	7TCA301120R0049	1.5-2.5		M6	27.2 (1.07)	22.0 (0.87)	11.0 (0.43)	5.0 (0.20)	100	
R2.5-8NDC-DIN	7TCA301120R0050	1.5-2.5		M8	29.7 (1.17)	23.0 (0.91)	14.0 (0.55)	5.0 (0.20)	100	
R2.5-10NDC-DIN	7TCA301120R0051	1.5-2.5		M10	30.2 (1.19)	23.0 (0.91)	15.0 (0.59)	5.0 (0.20)	100	
R2.5-12NDC-DIN	7TCA301120R0052	1.5-2.5		M12	34.7 (1.37)	26.0 (1.02)	18.0 (0.71)	5.0 (0.20)	100	
R6-4NDC-DIN	7TCA301120R0053	4.0-6.0		M4	25.0 (0.98)	21.0 (0.83)	8.0 (0.31)	7.0 (0.28)	100	
R6-5NDC-DIN	7TCA301120R0054	4.0-6.0		M5	26.7 (1.05)	22.0 (0.87)	10.0 (0.39)	7.0 (0.28)	100	
R6-6NDC-DIN	7TCA301120R0055	4.0-6.0		M6	27.7 (1.09)	23.0 (0.91)	11.0 (0.43)	7.0 (0.28)	100	
R6-8NDC-DIN	7TCA301120R0056	4.0-6.0		M8	32.7 (1.29)	26.0 (1.02)	14.0 (0.55)	7.0 (0.28)	100	
R6-10NDC-DIN	7TCA301120R0057	4.0-6.0		M10	36.7 (1.44)	28.0 (1.10)	18.0 (0.71)	7.0 (0.28)	100	
R6-12NDC-DIN	7TCA301120R0058	4.0-6.0		M12	36.7 (1.44)	28.0 (1.10)	18.0 (0.71)	7.0 (0.28)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated fork single crimp terminals

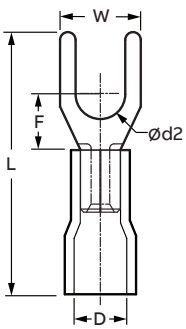
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-insulated fork single crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
F1.5-3VSC	7TCA301300R0171	0.5-1.5		M3	21.0 (0.83)	6.5 (0.26)	5.7 (0.22)	4.3 (0.17)	100	ERG9002
F1.5-35VSC	7TCA301300R0172	0.5-1.5		M3.5	21.0 (0.83)	6.5 (0.26)	6.4 (0.25)	4.3 (0.17)	100	
F1.5-4VSC	7TCA301300R0173	0.5-1.5		M4	21.0 (0.83)	6.5 (0.26)	8.1 (0.32)	4.3 (0.17)	100	
F1.5-5VSC	7TCA301300R0174	0.5-1.5		M5	21.0 (0.83)	6.5 (0.26)	9.5 (0.37)	4.3 (0.17)	100	
F1.5-6VSC	7TCA301300R0175	0.5-1.5		M6	27.0 (1.06)	11.0 (0.43)	12.0 (0.47)	4.3 (0.17)	100	
F2.5-3VSC	7TCA301300R0176	1.5-2.5		M3	21.0 (0.83)	6.5 (0.26)	5.7 (0.22)	4.8 (0.19)	100	
F2.5-35VSC	7TCA301300R0177	1.5-2.5		M3.5	21.0 (0.83)	6.5 (0.26)	6.4 (0.25)	4.8 (0.19)	100	
F2.5-4VSC	7TCA301300R0178	1.5-2.5		M4	21.0 (0.83)	6.5 (0.26)	8.1 (0.32)	4.8 (0.19)	100	
F2.5-5VSC	7TCA301300R0179	1.5-2.5		M5	21.0 (0.83)	6.5 (0.26)	9.3 (0.37)	4.8 (0.19)	100	
F2.5-6VSC	7TCA301300R0180	1.5-2.5		M6	27.0 (1.06)	11.0 (0.43)	12.0 (0.47)	4.8 (0.19)	100	
F6-35VSC	7TCA301300R0281	4.0-6.0		M3.5	25.5 (1.00)	7.0 (0.28)	8.3 (0.33)	6.7 (0.26)	100	
F6-4VSC	7TCA301300R0181	4.0-6.0		M4	25.5 (1.00)	7.0 (0.28)	9.0 (0.35)	6.7 (0.26)	100	
F6-5VSC	7TCA301300R0182	4.0-6.0		M5	25.5 (1.00)	7.0 (0.28)	9.0 (0.35)	6.7 (0.26)	100	
F6-6VSC	7TCA301300R0183	4.0-6.0		M6	31.5 (1.24)	12.0 (0.47)	12.0 (0.47)	6.7 (0.26)	100	
F6-8VSC	7TCA301300R0184	4.0-6.0		M8	30.5 (1.20)	11.5 (0.45)	14.0 (0.55)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated fork single crimp DIN46237 terminals

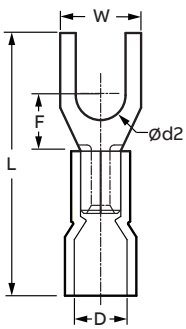
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, DIN46237

Vinyl-insulated fork single crimp DIN46237 terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
F1.5-3VSC-DIN	7TCA301320R0059	0.5-1.5		M3	19.8 (0.78)	17.2 (0.68)	6.0 (0.24)	4.0 (0.16)	100	ERG9002
F1.5-35VSC-DIN	7TCA301320R0060	0.5-1.5		M3.5	19.8 (0.78)	17.2 (0.68)	6.0 (0.24)	4.0 (0.16)	100	
F1.5-4VSC-DIN	7TCA301320R0061	0.5-1.5		M4	21.8 (0.86)	18.2 (0.72)	6.8 (0.27)	4.0 (0.16)	100	
F1.5-5VSC-DIN	7TCA301320R0062	0.5-1.5		M5	23.8 (0.94)	19.2 (0.76)	10.0 (0.39)	4.0 (0.16)	100	
F1.5-6VSC-DIN	7TCA301320R0063	0.5-1.5		M6	26.4 (1.04)	21.2 (0.83)	11.0 (0.43)	4.0 (0.16)	100	
F2.5-3VSC-DIN	7TCA301320R0064	1.5-2.5		M3	20.1 (0.79)	19.5 (0.77)	5.5 (0.22)	4.5 (0.18)	100	
F2.5-35VSC-DIN	7TCA301320R0065	1.5-2.5		M3.5	20.1 (0.79)	17.5 (0.69)	6.0 (0.24)	4.5 (0.18)	100	
F2.5-4VSC-DIN	7TCA301320R0066	1.5-2.5		M4	22.1 (0.87)	18.5 (0.73)	6.8 (0.27)	4.5 (0.18)	100	
F2.5-5VSC-DIN	7TCA301320R0067	1.5-2.5		M5	25.1 (0.99)	20.5 (0.81)	10.0 (0.39)	4.5 (0.18)	100	
F2.5-6VSC-DIN	7TCA301320R0068	1.5-2.5		M6	27.7 (1.09)	22.5 (0.89)	11.0 (0.43)	4.5 (0.18)	100	
F6-4VSC-DIN	7TCA301320R0069	4.0-6.0		M4	25.4 (1.00)	22.2 (0.87)	8.0 (0.31)	6.3 (0.25)	100	
F6-5VSC-DIN	7TCA301320R0070	4.0-6.0		M5	27.6 (1.09)	23.2 (0.91)	10.0 (0.39)	6.3 (0.25)	100	
F6-6VSC-DIN	7TCA301320R0071	4.0-6.0		M6	29.4 (1.16)	24.2 (0.95)	11.0 (0.43)	6.3 (0.25)	100	
F6-8VSC-DIN	7TCA301320R0072	4.0-6.0		M8	33.8 (1.33)	27.2 (1.07)	14.0 (0.55)	6.3 (0.25)	100	
F6-10VSC-DIN	7TCA301320R0073	4.0-6.0		M10	36.8 (1.45)	29.2 (1.15)	18.0 (0.71)	6.3 (0.25)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated fork easy-entry double crimp terminals

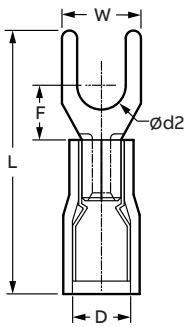
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Double crimp: With copper sleeve on barrel
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-insulated fork easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
F1.5-3VDC	7TCA301300R0236	0.5-1.5		M3	21.0 (0.83)	6.5 (0.26)	5.7 (0.22)	4.3 (0.17)	100	ERG9004
F1.5-35VDC	7TCA301300R0237	0.5-1.5		M3.5	21.0 (0.83)	6.5 (0.26)	6.4 (0.25)	4.3 (0.17)	100	
F1.5-4VDC	7TCA301300R0238	0.5-1.5		M4	21.0 (0.83)	6.5 (0.26)	8.1 (0.32)	4.3 (0.17)	100	
F1.5-5VDC	7TCA301300R0239	0.5-1.5		M5	21.0 (0.83)	6.5 (0.26)	9.5 (0.37)	4.3 (0.17)	100	
F1.5-6VDC	7TCA301300R0240	0.5-1.5		M6	27.0 (1.06)	11.0 (0.43)	12.0 (0.47)	4.3 (0.17)	100	
F2.5-3VDC	7TCA301300R0241	1.5-2.5		M3	21.0 (0.83)	6.5 (0.26)	5.7 (0.22)	4.8 (0.19)	100	
F2.5-35VDC	7TCA301300R0242	1.5-2.5		M3.5	21.0 (0.83)	6.5 (0.26)	6.4 (0.25)	4.8 (0.19)	100	
F2.5-4VDC	7TCA301300R0243	1.5-2.5		M4	21.0 (0.83)	6.5 (0.26)	8.1 (0.32)	4.8 (0.19)	100	
F2.5-5VDC	7TCA301300R0244	1.5-2.5		M5	21.0 (0.83)	6.5 (0.26)	9.3 (0.37)	4.8 (0.19)	100	
F2.5-6VDC	7TCA301300R0245	1.5-2.5		M6	27.0 (1.06)	11.0 (0.43)	12.0 (0.47)	4.8 (0.19)	100	
F6-35VDC	7TCA301300R0282	4.0-6.0		M3.5	25.5 (1.00)	7.0 (0.28)	8.3 (0.33)	6.7 (0.26)	100	
F6-4VDC	7TCA301300R0246	4.0-6.0		M4	25.5 (1.00)	7.0 (0.28)	9.0 (0.35)	6.7 (0.26)	100	
F6-5VDC	7TCA301300R0247	4.0-6.0		M5	25.5 (1.00)	7.0 (0.28)	9.0 (0.35)	6.7 (0.26)	100	
F6-6VDC	7TCA301300R0248	4.0-6.0		M6	31.5 (1.24)	12.0 (0.47)	12.0 (0.47)	6.7 (0.26)	100	
F6-8VDC	7TCA301300R0249	4.0-6.0		M8	30.5 (1.20)	11.5 (0.45)	14.0 (0.55)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated fork easy-entry double crimp DIN46237 terminals

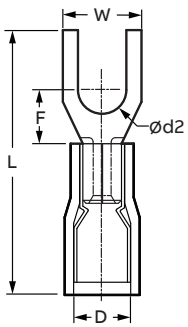
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Double crimp: With copper sleeve on barrel
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, DIN46237

Vinyl-insulated fork easy-entry double crimp DIN46237 terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
F1.5-3VDC-DIN	7TCA301320R0096	0.5-1.5		M3	18.6 (0.73)	17.0 (0.67)	6.0 (0.24)	4.3 (0.17)	100	ERG9004
F1.5-35VDC-DIN	7TCA301320R0097	0.5-1.5		M3.5	18.6 (0.73)	17.0 (0.67)	6.0 (0.24)	4.3 (0.17)	100	
F1.5-4VDC-DIN	7TCA301320R0098	0.5-1.5		M4	20.6 (0.81)	18.0 (0.71)	6.8 (0.27)	4.3 (0.17)	100	
F1.5-5VDC-DIN	7TCA301320R0099	0.5-1.5		M5	22.6 (0.89)	19.0 (0.75)	10.0 (0.39)	4.3 (0.17)	100	
F1.5-6VDC-DIN	7TCA301320R0100	0.5-1.5		M6	25.2 (0.99)	19.0 (0.75)	11.0 (0.43)	4.3 (0.17)	100	
F2.5-3VDC-DIN	7TCA301320R0101	1.5-2.5		M3	18.6 (0.73)	17.0 (0.67)	5.5 (0.22)	4.8 (0.19)	100	
F2.5-35VDC-DIN	7TCA301320R0102	1.5-2.5		M3.5	18.6 (0.73)	17.0 (0.67)	6.0 (0.24)	4.8 (0.19)	100	
F2.5-4VDC-DIN	7TCA301320R0103	1.5-2.5		M4	20.6 (0.81)	18.0 (0.71)	6.8 (0.27)	4.8 (0.19)	100	
F2.5-5VDC-DIN	7TCA301320R0104	1.5-2.5		M5	23.6 (0.93)	20.0 (0.79)	10.0 (0.39)	4.8 (0.19)	100	
F2.5-6VDC-DIN	7TCA301320R0105	1.5-2.5		M6	26.2 (1.03)	22.0 (0.87)	11.0 (0.43)	4.8 (0.19)	100	
F6-4VDC-DIN	7TCA301320R0106	4.0-6.0		M4	24.2 (0.95)	21.0 (0.83)	8.0 (0.31)	6.7 (0.26)	100	
F6-5VDC-DIN	7TCA301320R0107	4.0-6.0		M5	26.4 (1.04)	22.0 (0.87)	10.0 (0.39)	6.7 (0.26)	100	
F6-6VDC-DIN	7TCA301320R0108	4.0-6.0		M6	28.2 (1.11)	23.0 (0.91)	11.0 (0.43)	6.7 (0.26)	100	
F6-8VDC-DIN	7TCA301320R0109	4.0-6.0		M8	32.6 (1.28)	26.0 (1.02)	14.0 (0.55)	6.7 (0.26)	100	
F6-10VDC-DIN	7TCA301320R0110	4.0-6.0		M10	35.6 (1.40)	28.0 (1.10)	18.0 (0.71)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated fork double crimp terminals

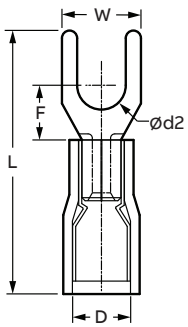
Technical information

- Terminal material: Copper
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-insulated fork double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
F1.5-3NDC	7TCA301100R0076	0.5-1.5		M3	21.7 (0.85)	6.5 (0.26)	5.7 (0.22)	4.4 (0.17)	100	ERG9004
F1.5-35NDC	7TCA301100R0077	0.5-1.5		M3.5	21.7 (0.85)	6.5 (0.26)	6.4 (0.25)	4.4 (0.17)	100	
F1.5-4NDC	7TCA301100R0078	0.5-1.5		M4	21.7 (0.85)	6.5 (0.26)	8.1 (0.32)	4.4 (0.17)	100	
F1.5-5NDC	7TCA301100R0079	0.5-1.5		M5	21.7 (0.85)	6.5 (0.26)	9.5 (0.37)	4.4 (0.17)	100	
F1.5-6NDC	7TCA301100R0080	0.5-1.5		M6	27.7 (1.09)	11.0 (0.43)	12.0 (0.47)	4.4 (0.17)	100	
F2.5-3NDC	7TCA301100R0081	1.5-2.5		M3	21.7 (0.85)	6.5 (0.26)	5.7 (0.22)	5.0 (0.20)	100	
F2.5-35NDC	7TCA301100R0082	1.5-2.5		M3.5	21.7 (0.85)	6.5 (0.26)	6.4 (0.25)	5.0 (0.20)	100	
F2.5-4NDC	7TCA301100R0083	1.5-2.5		M4	21.7 (0.85)	6.5 (0.26)	8.1 (0.32)	5.0 (0.20)	100	
F2.5-5NDC	7TCA301100R0084	1.5-2.5		M5	21.7 (0.85)	6.5 (0.26)	9.3 (0.37)	5.0 (0.20)	100	
F2.5-6NDC	7TCA301100R0085	1.5-2.5		M6	27.7 (1.09)	11.0 (0.43)	12.0 (0.47)	5.0 (0.20)	100	
F6-35NDC	7TCA301100R0157	4.0-6.0		M3.5	25.2 (0.99)	7.0 (0.28)	8.3 (0.33)	7.0 (0.28)	100	
F6-4NDC	7TCA301100R0086	4.0-6.0		M4	25.2 (0.99)	7.0 (0.28)	9.0 (0.35)	7.0 (0.28)	100	
F6-5NDC	7TCA301100R0087	4.0-6.0		M5	25.2 (0.99)	7.0 (0.28)	9.0 (0.35)	7.0 (0.28)	100	
F6-6NDC	7TCA301100R0088	4.0-6.0		M6	31.2 (1.23)	12.0 (0.47)	12.0 (0.47)	7.0 (0.28)	100	
F6-8NDC	7TCA301100R0089	4.0-6.0		M8	30.2 (1.19)	11.5 (0.45)	14.0 (0.55)	7.0 (0.28)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated fork DIN46237 double crimp terminals

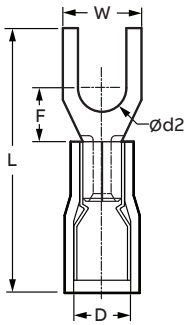
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, DIN46237

Nylon-insulated fork DIN46237 double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
F1.5-3NDC-DIN	7TCA301120R0060	0.5-1.5		M3	19.3 (0.76)	16.0 (0.63)	6.0 (0.24)	4.4 (0.17)	100	ERG9004
F1.5-35NDC-DIN	7TCA301120R0060	0.5-1.5		M3.5	19.3 (0.76)	16.0 (0.63)	6.0 (0.24)	4.4 (0.17)	100	
F1.5-4NDC-DIN	7TCA301120R0061	0.5-1.5		M4	21.3 (0.84)	17.0 (0.67)	6.8 (0.27)	4.4 (0.17)	100	
F1.5-5NDC-DIN	7TCA301120R0062	0.5-1.5		M5	23.3 (0.92)	18.0 (0.71)	10.0 (0.39)	4.4 (0.17)	100	
F1.5-6NDC-DIN	7TCA301120R0063	0.5-1.5		M6	25.9 (1.02)	20.0 (0.79)	11.0 (0.43)	4.4 (0.17)	100	
F2.5-3NDC-DIN	7TCA301120R0064	1.5-2.5		M3	19.6 (0.77)	18.0 (0.71)	5.5 (0.22)	5.0 (0.20)	100	
F2.5-35NDC-DIN	7TCA301120R0065	1.5-2.5		M3.5	19.6 (0.77)	16.0 (0.63)	6.0 (0.24)	5.0 (0.20)	100	
F2.5-4NDC-DIN	7TCA301120R0066	1.5-2.5		M4	21.6 (0.85)	17.0 (0.67)	6.8 (0.27)	5.0 (0.20)	100	
F2.5-5NDC-DIN	7TCA301120R0067	1.5-2.5		M5	24.6 (0.97)	19.0 (0.75)	10.0 (0.39)	5.0 (0.20)	100	
F2.5-6NDC-DIN	7TCA301120R0068	1.5-2.5		M6	27.1 (1.07)	21.0 (0.83)	11.0 (0.43)	5.0 (0.20)	100	
F6-4NDC-DIN	7TCA301120R0075	4.0-6.0		M4	23.9 (0.94)	21.0 (0.83)	8.0 (0.31)	7.0 (0.28)	100	
F6-5NDC-DIN	7TCA301120R0069	4.0-6.0		M5	26.1 (1.03)	22.0 (0.87)	10.0 (0.39)	7.0 (0.28)	100	
F6-6NDC-DIN	7TCA301120R0070	4.0-6.0		M6	27.9 (1.10)	23.0 (0.91)	11.0 (0.43)	7.0 (0.28)	100	
F6-8NDC-DIN	7TCA301120R0071	4.0-6.0		M8	32.3 (1.27)	26.0 (1.02)	14.0 (0.55)	7.0 (0.28)	100	
F6-10NDC-DIN	7TCA301120R0072	4.0-6.0		M10	35.3 (1.39)	28.0 (1.10)	18.0 (0.71)	7.0 (0.28)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated blade single crimp terminals

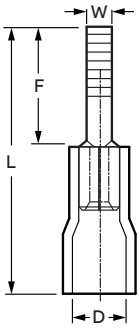
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-insulated blade single crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
B1.5-2819VSC	7TCA301300R0283	0.5-1.5		18.8 (0.74)	9.0 (0.35)	2.8 (0.11)	4.3 (0.17)	100	ERG9002
B1.5-2320VSC	7TCA301300R0284	0.5-1.5		19.8 (0.78)	10.0 (0.39)	2.3 (0.09)	4.3 (0.17)	100	
B1.5-3021VSC	7TCA301300R0285	0.5-1.5		20.8 (0.82)	11.0 (0.43)	3.0 (0.12)	4.3 (0.17)	100	
B1.5-2423VSC	7TCA301300R0286	0.5-1.5		22.8 (0.90)	13.0 (0.51)	2.4 (0.09)	4.3 (0.17)	100	
B1.5-2424VSC	7TCA301300R0287	0.5-1.5		23.8 (0.94)	14.0 (0.55)	2.4 (0.09)	4.3 (0.17)	100	
B1.5-2228VSC	7TCA301300R0288	0.5-1.5		27.8 (1.09)	18.0 (0.71)	2.2 (0.09)	4.3 (0.17)	100	
B2.5-2819VSC	7TCA301300R0289	1.5-2.5		18.8 (0.74)	9.0 (0.35)	2.8 (0.11)	4.8 (0.19)	100	
B2.5-2320VSC	7TCA301300R0290	1.5-2.5		19.8 (0.78)	10.0 (0.39)	2.3 (0.09)	4.8 (0.19)	100	
B2.5-2424VSC	7TCA301300R0291	1.5-2.5		23.8 (0.94)	14.0 (0.55)	2.4 (0.09)	4.8 (0.19)	100	
B2.5-2228VSC	7TCA301300R0292	1.5-2.5		27.8 (1.09)	18.0 (0.71)	2.2 (0.09)	4.8 (0.19)	100	
B6-2823VSC	7TCA301300R0293	4.0-6.0		23.0 (0.91)	10.0 (0.39)	2.8 (0.11)	6.7 (0.26)	100	
B6-4527VSC	7TCA301300R0294	4.0-6.0		27.0 (1.06)	14.0 (0.55)	4.5 (0.18)	6.7 (0.26)	100	
B6-4531VSC	7TCA301300R0295	4.0-6.0		31.0 (1.22)	18.0 (0.71)	4.5 (0.18)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-Insulated blade easy-entry double crimp terminals

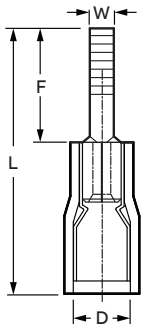
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-Insulated blade easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
B1.5-2819VDC	7TCA301300R0296	0.5-1.5		18.8 (0.74)	9.0 (0.35)	2.8 (0.11)	4.3 (0.17)	100	ERG9004
B1.5-2320VDC	7TCA301300R0297	0.5-1.5		19.8 (0.78)	10.0 (0.39)	2.3 (0.09)	4.3 (0.17)	100	
B1.5-3021VDC	7TCA301300R0298	0.5-1.5		20.8 (0.82)	11.0 (0.43)	3.0 (0.12)	4.3 (0.17)	100	
B1.5-2423VDC	7TCA301300R0299	0.5-1.5		22.8 (0.90)	13.0 (0.51)	2.4 (0.09)	4.3 (0.17)	100	
B1.5-2424VDC	7TCA301300R0300	0.5-1.5		23.8 (0.94)	14.0 (0.55)	2.4 (0.09)	4.3 (0.17)	100	
B1.5-2228VDC	7TCA301300R0301	0.5-1.5		27.8 (1.09)	18.0 (0.71)	2.2 (0.09)	4.3 (0.17)	100	
B2.5-2819VDC	7TCA301300R0302	1.5-2.5		18.8 (0.74)	9.0 (0.35)	2.8 (0.11)	4.8 (0.19)	100	
B2.5-2320VDC	7TCA301300R0303	1.5-2.5		19.8 (0.78)	10.0 (0.39)	2.3 (0.09)	4.8 (0.19)	100	
B2.5-2423VDC	7TCA301300R0304	1.5-2.5		22.8 (0.90)	13.0 (0.51)	2.4 (0.09)	4.8 (0.19)	100	
B2.5-2424VDC	7TCA301300R0305	1.5-2.5		23.8 (0.94)	14.0 (0.55)	2.4 (0.09)	4.8 (0.19)	100	
B2.5-2228VDC	7TCA301300R0306	1.5-2.5		27.8 (1.09)	18.0 (0.71)	2.2 (0.09)	4.8 (0.19)	100	
B6-2228VDC	7TCA301300R0307	4.0-6.0		23.0 (0.91)	10.0 (0.39)	2.8 (0.11)	6.7 (0.26)	100	
B6-4527VDC	7TCA301300R0308	4.0-6.0		27.0 (1.06)	14.0 (0.55)	4.5 (0.18)	6.7 (0.26)	100	
B6-4531VDC	7TCA301300R0309	4.0-6.0		31.0 (1.22)	18.0 (0.71)	4.5 (0.18)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-Insulated lipped blade single crimp terminals

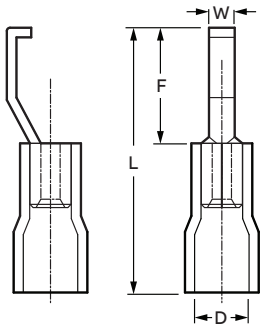
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-Insulated lipped blade single crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
LB1.5-3VSC	7TCA301300R0208	0.5-1.5		25.7 (1.01)	15.6 (0.61)	3.0 (0.12)	4.3 (0.17)	100	ERG9002
LB1.5-46VSC	7TCA301300R0209	0.5-1.5		25.7 (1.01)	15.6 (0.61)	4.6 (0.18)	4.3 (0.17)	100	
LB2.5-3VSC	7TCA301300R0210	1.5-2.5		25.7 (1.01)	15.6 (0.61)	3.0 (0.12)	4.8 (0.19)	100	
LB2.5-46VSC	7TCA301300R0211	1.5-2.5		25.7 (1.01)	15.6 (0.61)	4.6 (0.18)	4.8 (0.19)	100	
LB6-3VSC	7TCA301300R0212	4.0-6.0		30.2 (1.19)	17.2 (0.68)	3.0 (0.12)	6.7 (0.26)	100	
LB6-46VSC	7TCA301300R0213	4.0-6.0		30.2 (1.19)	17.2 (0.68)	4.6 (0.18)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated lipped blade easy-entry double crimp terminals

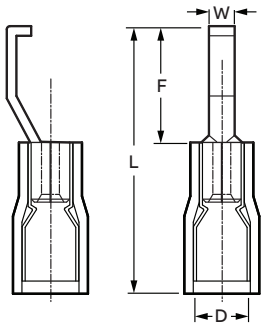
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-insulated lipped blade easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
LB1.5-3VDC	7TCA301300R0274	0.5-1.5		25.7 (1.01)	16.8 (0.66)	3.0 (0.12)	4.3 (0.17)	100	ERG9004
LB1.5-46VDC	7TCA301300R0275	0.5-1.5		25.7 (1.01)	16.8 (0.66)	4.6 (0.18)	4.3 (0.17)	100	
LB2.5-3VDC	7TCA301300R0276	1.5-2.5		25.7 (1.01)	16.8 (0.66)	3.0 (0.12)	4.8 (0.19)	100	
LB2.5-46VDC	7TCA301300R0277	1.5-2.5		25.7 (1.01)	16.8 (0.66)	4.6 (0.18)	4.8 (0.19)	100	
LB6-3VDC	7TCA301300R0278	4.0-6.0		30.2 (1.19)	17.2 (0.68)	3.0 (0.12)	6.7 (0.26)	100	
LB6-46VDC	7TCA301300R0279	4.0-6.0		30.2 (1.19)	17.2 (0.68)	4.6 (0.18)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated blade double crimp terminals

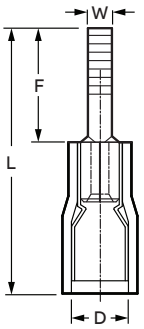
Technical information

- Terminal material: Copper
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-insulated blade double crimp terminals

Product ref.	GID number	Wire size range (mm^2)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
B1.5-2820NDC	7TCA301100R0090	0.5-1.5		19.5 (0.77)	9.0 (0.35)	2.8 (0.11)	4.4 (0.17)	100	ERG9004
B1.5-2321NDC	7TCA301100R0091	0.5-1.5		20.5 (0.81)	10.0 (0.39)	2.3 (0.09)	4.4 (0.17)	100	
B1.5-3022NDC	7TCA301100R0092	0.5-1.5		21.5 (0.85)	11.0 (0.43)	3.0 (0.12)	4.4 (0.17)	100	
B1.5-3024NDC	7TCA301100R0093	0.5-1.5		23.5 (0.93)	13.0 (0.51)	2.4 (0.09)	4.4 (0.17)	100	
B1.5-3025NDC	7TCA301100R0094	0.5-1.5		24.5 (0.96)	14.0 (0.55)	2.4 (0.09)	4.4 (0.17)	100	
B1.5-2029NDC	7TCA301100R0096	0.5-1.5		28.5 (1.12)	18.0 (0.71)	2.0 (0.08)	4.4 (0.17)	100	
B1.5-2229NDC	7TCA301100R0095	0.5-1.5		28.5 (1.12)	18.0 (0.71)	2.2 (0.09)	4.4 (0.17)	100	
B2.5-2820NDC	7TCA301100R0158	1.5-2.5		19.5 (0.77)	9.0 (0.35)	2.8 (0.11)	5.0 (0.20)	100	
B2.5-2421NDC	7TCA301100R0097	1.5-2.5		20.5 (0.81)	10.0 (0.39)	2.3 (0.09)	5.0 (0.20)	100	
B2.5-2424NDC	7TCA301100R0098	1.5-2.5		23.5 (0.93)	13.0 (0.51)	2.4 (0.09)	5.0 (0.20)	100	
B2.5-3025NDC	7TCA301100R0100	1.5-2.5		24.5 (0.96)	14.0 (0.55)	2.4 (0.09)	5.0 (0.20)	100	
B2.5-2029NDC	7TCA301100R0101	1.5-2.5		28.5 (1.12)	18.0 (0.71)	2.0 (0.08)	5.0 (0.20)	100	
B2.5-2229NDC	7TCA301100R0102	1.5-2.5		28.5 (1.12)	18.0 (0.71)	2.2 (0.09)	5.0 (0.20)	100	
B6-2823NDC	7TCA301100R0103	4.0-6.0		22.7 (0.89)	10.0 (0.39)	2.8 (0.11)	7.0 (0.28)	100	
B6-4027NDC	7TCA301100R0104	4.0-6.0		26.7 (1.05)	14.0 (0.55)	4.0 (0.16)	7.0 (0.28)	100	
B6-4527NDC	7TCA301100R0105	4.0-6.0		26.7 (1.05)	14.0 (0.55)	4.5 (0.18)	7.0 (0.28)	100	
B6-2031NDC	7TCA301100R0106	4.0-6.0		30.7 (1.21)	18.0 (0.71)	2.0 (0.08)	7.0 (0.28)	100	
B6-4531NDC	7TCA301100R0107	4.0-6.0		30.7 (1.21)	18.0 (0.71)	4.5 (0.18)	7.0 (0.28)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated pin single crimp terminals

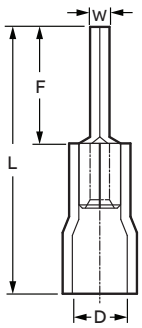
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352

Vinyl-insulated pin single crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
P1.5-19VSC	7TCA301300R0193	0.5-1.5		19.0 (0.75)	9.0 (0.35)	1.9 (0.07)	4.2 (0.17)	100	ERG9002
P1.5-20VSC	7TCA301300R0194	0.5-1.5		20.0 (0.79)	10.0 (0.39)	1.9 (0.07)	4.2 (0.17)	100	
P1.5-22VSC	7TCA301300R0195	0.5-1.5		22.0 (0.87)	12.0 (0.47)	1.9 (0.07)	4.2 (0.17)	100	
P1.5-23VSC	7TCA301300R0196	0.5-1.5		23.0 (0.91)	13.0 (0.51)	1.9 (0.07)	4.2 (0.17)	100	
P2.5-20VSC	7TCA301300R0200	1.5-2.5		20.0 (0.79)	10.0 (0.39)	1.9 (0.07)	5.0 (0.20)	100	
P2.5-22VSC	7TCA301300R0201	1.5-2.5		22.0 (0.87)	12.0 (0.47)	1.9 (0.07)	5.0 (0.20)	100	
P2.5-23VSC	7TCA301300R0202	1.5-2.5		23.0 (0.91)	13.0 (0.51)	1.9 (0.07)	5.0 (0.20)	100	
P2.5-24VSC	7TCA301300R0310	1.5-2.5		24.0 (0.94)	14.0 (0.55)	1.9 (0.07)	5.0 (0.20)	100	
P2.5-25VSC	7TCA301300R0311	1.5-2.5		25.0 (0.98)	15.0 (0.59)	1.9 (0.07)	5.0 (0.20)	100	
P2.5-26VSC	7TCA301300R0203	1.5-2.5		26.0 (1.02)	16.0 (0.63)	1.9 (0.07)	5.0 (0.20)	100	
P6-23VSC	7TCA301300R0312	4.0-6.0		23.0 (0.91)	10.0 (0.39)	2.8 (0.11)	6.8 (0.27)	100	
P6-25VSC	7TCA301300R0313	4.0-6.0		25.0 (0.98)	12.0 (0.47)	2.8 (0.11)	6.8 (0.27)	100	
P6-27VSC	7TCA301300R0204	4.0-6.0		26.0 (1.02)	13.0 (0.51)	2.8 (0.11)	6.8 (0.27)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated pin double crimp easy-entry terminals

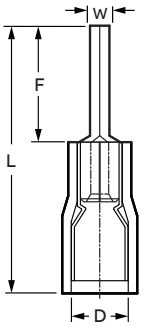
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Vinyl-insulated pin double crimp easy-entry terminals

Product ref.	GID number	Wire size range (mm^2)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
P1.5-19VDC	7TCA301300R0259	0.5-1.5		18.8 (0.74)	9.0 (0.35)	1.9 (0.07)	4.3 (0.17)	100	ERG9004
P1.5-20VDC	7TCA301300R0260	0.5-1.5		19.8 (0.78)	10.0 (0.39)	1.9 (0.07)	4.3 (0.17)	100	
P1.5-22VDC	7TCA301300R0261	0.5-1.5		21.8 (0.86)	12.0 (0.47)	1.9 (0.07)	4.3 (0.17)	100	
P1.5-23VDC	7TCA301300R0262	0.5-1.5		22.8 (0.90)	13.0 (0.51)	1.9 (0.07)	4.3 (0.17)	100	
P2.5-19VDC	7TCA301300R0265	1.5-2.5		18.8 (0.74)	9.0 (0.35)	1.9 (0.07)	4.8 (0.19)	100	
P2.5-20VDC	7TCA301300R0266	1.5-2.5		19.8 (0.78)	10.0 (0.39)	1.9 (0.07)	4.8 (0.19)	100	
P2.5-22VDC	7TCA301300R0267	1.5-2.5		21.8 (0.86)	12.0 (0.47)	1.9 (0.07)	4.8 (0.19)	100	
P2.5-23VDC	7TCA301300R0268	1.5-2.5		22.8 (0.90)	13.0 (0.51)	1.9 (0.07)	4.8 (0.19)	100	
P2.5-24VDC	7TCA301300R0314	1.5-2.5		23.8 (0.94)	14.0 (0.55)	1.9 (0.07)	4.8 (0.19)	100	
P2.5-25VDC	7TCA301300R0315	1.5-2.5		24.8 (0.98)	15.0 (0.59)	1.9 (0.07)	4.8 (0.19)	100	
P2.5-26VDC	7TCA301300R0269	1.5-2.5		26.0 (1.02)	16.0 (0.63)	1.9 (0.07)	4.8 (0.19)	100	
P6-23VDC	7TCA301300R0316	4.0-6.0		23.0 (0.91)	10.0 (0.39)	2.8 (0.11)	6.7 (0.26)	100	
P6-25VDC	7TCA301300R0317	4.0-6.0		25.0 (0.98)	12.0 (0.47)	2.8 (0.11)	6.7 (0.26)	100	
P6-26VDC	7TCA301300R0318	4.0-6.0		26.0 (1.02)	13.0 (0.51)	2.8 (0.11)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated pin double easy-entry crimp terminals

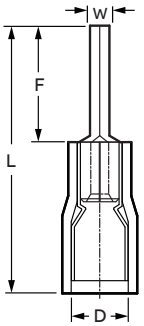
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-insulated pin double easy-entry crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	W	F	D	Qty (pcs)	Crimping tool
P1.5-20NDC	7TCA301100R0108	0.5-1.5		18.8 (0.74)	1.9 (0.07)	9.0 (0.35)	4.3 (0.17)	100	ERG9004
P1.5-21NDC	7TCA301100R0109	0.5-1.5		19.8 (0.78)	1.9 (0.07)	10.0 (0.39)	4.3 (0.17)	100	
P1.5-23NDC	7TCA301100R0110	0.5-1.5		21.8 (0.86)	1.9 (0.07)	12.0 (0.47)	4.3 (0.17)	100	
P1.5-24NDC	7TCA301100R0111	0.5-1.5		22.8 (0.90)	1.9 (0.07)	13.0 (0.51)	4.8 (0.19)	100	
P2.5-21NDC	7TCA301100R0115	1.5-2.5		19.8 (0.78)	1.9 (0.07)	10.0 (0.39)	4.8 (0.19)	100	
P2.5-23NDC	7TCA301100R0116	1.5-2.5		21.8 (0.86)	1.9 (0.07)	12.0 (0.47)	4.8 (0.19)	100	
P2.5-24NDC	7TCA301100R0117	1.5-2.5		22.8 (0.90)	1.9 (0.07)	13.0 (0.51)	4.8 (0.19)	100	
P2.5-25NDC	7TCA301100R0159	1.5-2.5		23.8 (0.94)	1.9 (0.07)	14.0 (0.55)	4.8 (0.19)	100	
P2.5-26NDC	7TCA301100R0160	1.5-2.5		24.8 (0.98)	1.9 (0.07)	15.0 (0.59)	4.8 (0.19)	100	
P2.5-27NDC	7TCA301100R0118	1.5-2.5		26.0 (1.02)	1.9 (0.07)	16.0 (0.63)	4.8 (0.19)	100	
P6-23NDC	7TCA301100R0161	4.0-6.0		22.7 (0.89)	2.8 (0.11)	10.0 (0.39)	6.7 (0.26)	100	
P6-25NDC	7TCA301100R0162	4.0-6.0		24.7 (0.97)	2.8 (0.11)	12.0 (0.47)	6.7 (0.26)	100	
P6-26NDC	7TCA301100R0163	4.0-6.0		25.7 (1.01)	2.8 (0.11)	13.0 (0.51)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated butt splice terminals

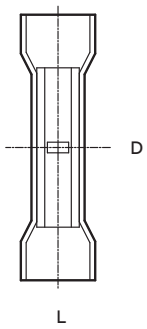
Technical information

- Terminal material: Copper tubular
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-0
- Compliance: IEC 60352-2

Vinyl-insulated butt splice terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	Dimensions mm/(in) D	Qty (pcs)	Crimping tool
BS1.5VSC	7TCA301300R0205	0.5-1.5		26.0 (1.02)	4.3 (0.17)	100	ERG9003
BS2.5VSC	7TCA301300R0206	1.5-2.5		26.0 (1.02)	4.8 (0.19)	100	
BS6VSC	7TCA301300R0207	4.0-6.0		27.0 (1.06)	6.7 (0.26)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated female disconnect easy-entry double crimp terminals

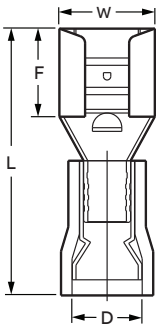
Technical information

- Terminal material: Brass
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-0
- Compliance: IEC 60352-2, IEC 61210

Vinyl-insulated female disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm^2)	Tab size mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
FD1.5-285VDC	7TCA301310R0040	0.5-1.5	0.5x2.8 (0.02x0.11)	18.8 (0.74)	6.4 (0.25)	3.2 (0.13)	3.9 (0.15)	100	ERG9003
FD1.5-288VDC	7TCA301310R0041	0.5-1.5	0.8x2.8 (0.03x0.11)	18.8 (0.74)	6.4 (0.25)	3.2 (0.13)	3.9 (0.15)	100	
FD1.5-485VDC	7TCA301310R0042	0.5-1.5	0.5x4.8 (0.02x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	3.9 (0.15)	100	
FD1.5-488VDC	7TCA301310R0043	0.5-1.5	0.8x4.8 (0.03x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	3.9 (0.15)	100	
FD1.5-638VDC	7TCA301310R0044	0.5-1.5	0.8x6.35 (0.03x0.25)	20.8 (0.82)	7.2 (0.28)	6.6 (0.26)	3.9 (0.15)	100	
FD2.5-285VDC	7TCA301310R0077	1.5-2.5	0.5x2.8 (0.02x0.11)	19.2 (0.76)	6.4 (0.25)	3.2 (0.13)	4.7 (0.19)	100	
FD2.5-288VDC	7TCA301310R0078	1.5-2.5	0.8x2.8 (0.03x0.11)	19.2 (0.76)	6.4 (0.25)	3.2 (0.13)	4.7 (0.19)	100	
FD2.5-485VDC	7TCA301310R0045	1.5-2.5	0.5x4.8 (0.02x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	4.7 (0.19)	100	
FD2.5-488VDC	7TCA301310R0046	1.5-2.5	0.8x4.8 (0.03x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	4.7 (0.19)	100	
FD2.5-638VDC	7TCA301310R0047	1.5-2.5	0.8x6.35 (0.03x0.25)	20.8 (0.82)	7.2 (0.28)	6.6 (0.26)	4.7 (0.19)	100	
FD6-638VDC	7TCA301310R0048	4.0-6.0	0.8x6.35 (0.03x0.25)	23.8 (0.94)	7.2 (0.28)	6.6 (0.26)	6.3 (0.25)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated piggyback disconnect easy-entry double crimp terminals

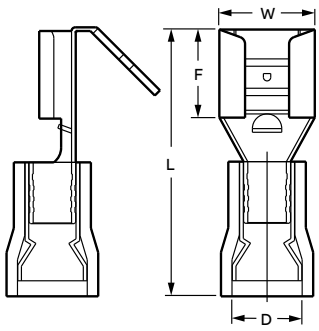
Technical information

- Terminal material: Brass
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-0
- Compliance: IEC 60352-2

Vinyl-insulated piggyback disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Tab size mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
PBD1.5-638VDC	7TCA301310R0050	0.5-1.5		0.8x6.35 (0.03x0.25)	21.0 (0.83)	8.0 (0.31)	6.7 (0.26)	3.8 (0.15)	100	ERG9003
PBD2.5-638VDC	7TCA301310R0051	1.5-2.5		0.8x6.35 (0.03x0.25)	21.0 (0.83)	8.0 (0.31)	6.7 (0.26)	4.7 (0.19)	100	
PBD6-638VDC	7TCA301310R0052	4.0-6.0		0.8x6.35 (0.03x0.25)	24.5 (0.96)	8.0 (0.31)	6.7 (0.26)	6.2 (0.24)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated female disconnect easy-entry double crimp terminals

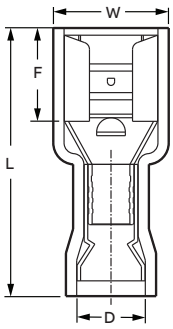
Technical information

- Terminal material: Brass
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-0
- Compliance: IEC 60352-2

Vinyl-insulated female disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Tab size mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
FIFD1.5-285VDC	7TCA301310R0079	0.5-1.5		0.5x2.8 (0.02x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	3.8 (0.15)	100	ERG9003
FIFD1.5-288VDC	7TCA301310R0080	0.5-1.5		0.8x2.8 (0.03x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	3.8 (0.15)	100	
FIFD1.5-485VDC	7TCA301310R0057	0.5-1.5		0.5x4.8 (0.02x0.19)	20.5 (0.81)	6.4 (0.25)	5.0 (0.20)	3.8 (0.15)	100	
FIFD1.5-488VDC	7TCA301310R0058	0.5-1.5		0.8x4.8 (0.03x0.19)	20.5 (0.81)	6.4 (0.25)	5.0 (0.20)	3.8 (0.15)	100	
FIFD1.5-638VDC	7TCA301310R0059	0.5-1.5		0.8x6.35 (0.03x0.25)	21.8 (0.86)	7.2 (0.28)	6.6 (0.26)	3.8 (0.15)	100	
FIFD2.5-285VDC	7TCA301310R0081	1.5-2.5		0.5x2.8 (0.02x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	4.7 (0.19)	100	
FIFD2.5-288VDC	7TCA301310R0082	1.5-2.5		0.8x2.8 (0.03x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	4.7 (0.19)	100	
FIFD2.5-485VDC	7TCA301310R0060	1.5-2.5		0.5x4.8 (0.02x0.19)	20.5 (0.81)	6.4 (0.25)	5.0 (0.20)	4.7 (0.19)	100	
FIFD2.5-488VDC	7TCA301310R0061	1.5-2.5		0.8x4.8 (0.03x0.19)	20.5 (0.81)	6.4 (0.25)	5.0 (0.20)	4.7 (0.19)	100	
FIFD2.5-638VDC	7TCA301310R0062	1.5-2.5		0.8x6.35 (0.03x0.25)	21.8 (0.86)	7.2 (0.28)	6.6 (0.26)	4.7 (0.19)	100	
FIFD6-638VDC	7TCA301310R0063	4.0-6.0		0.8x6.35 (0.03x0.25)	23.8 (0.94)	7.2 (0.28)	6.6 (0.26)	6.2 (0.24)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated male disconnect easy-entry double crimp terminals

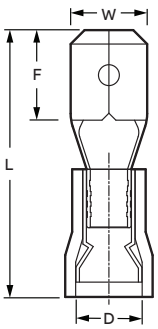
Technical information

- Terminal material: Brass
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-0
- Compliance: IEC 60352-2, IEC 61210

Vinyl-insulated male disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Tab size mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
MD1.5-285VDC	7TCA301310R0068	0.5-1.5		0.5x2.8 (0.02x0.11)	18.7 (0.74)	6.5 (0.26)	2.8 (0.11)	3.9 (0.15)	100	ERG9003
MD1.5-288VDC	7TCA301310R0069	0.5-1.5		0.8x2.8 (0.03x0.11)	18.7 (0.74)	6.5 (0.26)	2.8 (0.11)	3.9 (0.15)	100	
MD1.5-485VDC	7TCA301310R0070	0.5-1.5		0.5x4.8 (0.02x0.19)	19.2 (0.76)	6.7 (0.26)	4.8 (0.19)	3.9 (0.15)	100	
MD1.5-488VDC	7TCA301310R0071	0.5-1.5		0.8x4.8 (0.03x0.19)	19.2 (0.76)	6.7 (0.26)	4.8 (0.19)	3.9 (0.15)	100	
MD1.5-638VDC	7TCA301310R0072	0.5-1.5		0.8x6.35 (0.03x0.25)	20.8 (0.82)	7.7 (0.30)	6.4 (0.25)	3.9 (0.15)	100	
MD2.5-285VDC	7TCA301310R0083	1.5-2.5		0.5x2.8 (0.02x0.11)	18.7 (0.74)	6.5 (0.26)	2.8 (0.11)	4.7 (0.19)	100	
MD2.5-288VDC	7TCA301310R0084	1.5-2.5		0.8x2.8 (0.03x0.11)	18.7 (0.74)	6.5 (0.26)	2.8 (0.11)	4.7 (0.19)	100	
MD2.5-485VDC	7TCA301310R0073	1.5-2.5		0.5x4.8 (0.02x0.19)	19.2 (0.76)	6.7 (0.26)	4.8 (0.19)	4.7 (0.19)	100	
MD2.5-488VDC	7TCA301310R0074	1.5-2.5		0.8x4.8 (0.03x0.19)	19.2 (0.76)	6.7 (0.26)	4.8 (0.19)	4.7 (0.19)	100	
MD2.5-638VDC	7TCA301310R0075	1.5-2.5		0.8x6.35 (0.03x0.25)	20.8 (0.82)	7.7 (0.30)	6.4 (0.25)	4.7 (0.19)	100	
MD6-638VDC	7TCA301310R0076	4.0-6.0		0.8x6.35 (0.03x0.25)	24.0 (0.94)	7.7 (0.30)	6.4 (0.25)	6.3 (0.25)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated female disconnect easy-entry double crimp terminals

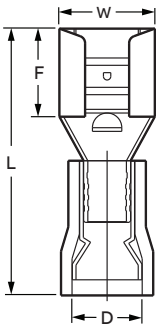
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, IEC 61210

Nylon-insulated female disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Tab size mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
FD1.5-285NDC	7TCA301110R0056	0.5-1.5		0.5x2.8 (0.02x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	3.8 (0.15)	100	ERG9003
FD1.5-2885NDC	7TCA301110R0057	0.5-1.5		0.8x2.8 (0.03x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	3.8 (0.15)	100	
FD1.5-485NDC	7TCA301110R0058	0.5-1.5		0.5x4.8 (0.02x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	3.8 (0.15)	100	
FD1.5-488NDC	7TCA301110R0059	0.5-1.5		0.8x4.8 (0.03x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	3.8 (0.15)	100	
FD1.5-638NDC	7TCA301110R0060	0.5-1.5		0.8x6.35 (0.03x0.25)	20.8 (0.82)	7.2 (0.28)	6.6 (0.26)	3.8 (0.15)	100	
FD2.5-285NDC	7TCA301110R0105	1.5-2.5		0.5x2.8 (0.02x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	4.7 (0.19)	100	
FD2.5-288NDC	7TCA301110R0106	1.5-2.5		0.8x2.8 (0.03x0.11)	19.0 (0.75)	6.4 (0.25)	3.2 (0.13)	4.7 (0.19)	100	
FD2.5-485NDC	7TCA301110R0061	1.5-2.5		0.5x4.8 (0.02x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	4.7 (0.19)	100	
FD2.5-488NDC	7TCA301110R0062	1.5-2.5		0.8x4.8 (0.03x0.19)	19.2 (0.76)	6.4 (0.25)	5.0 (0.20)	4.7 (0.19)	100	
FD2.5-638NDC	7TCA301110R0063	1.5-2.5		0.8x6.35 (0.03x0.25)	20.8 (0.82)	7.2 (0.28)	6.6 (0.26)	4.7 (0.19)	100	
FD6-638NDC	7TCA301110R0064	4.0-6.0		0.8x6.35 (0.03x0.25)	23.8 (0.94)	7.2 (0.28)	6.6 (0.26)	6.2 (0.24)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated male disconnect easy-entry double crimp terminals

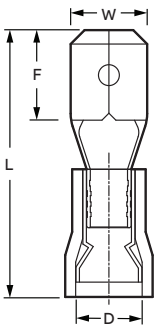
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2, IEC 61210

Nylon-insulated male disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Tab size mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
MD1.5-285NDC	7TCA301110R0066	0.5-1.5		0.5x2.8 (0.02x0.11)	19.4 (0.76)	6.5 (0.26)	2.8 (0.11)	3.9 (0.15)	100	ERG9003
MD1.5-288NDC	7TCA301110R0067	0.5-1.5		0.8x2.8 (0.03x0.11)	19.4 (0.76)	6.5 (0.26)	2.8 (0.11)	3.9 (0.15)	100	
MD1.5-485NDC	7TCA301110R0068	0.5-1.5		0.5x4.8 (0.02x0.19)	19.9 (0.78)	6.7 (0.26)	4.8 (0.19)	3.9 (0.15)	100	
MD1.5-488NDC	7TCA301110R0069	0.5-1.5		0.8x4.8 (0.03x0.19)	19.9 (0.78)	6.7 (0.26)	4.8 (0.19)	3.9 (0.15)	100	
MD1.5-638NDC	7TCA301110R0070	0.5-1.5		0.8x6.35 (0.03x0.25)	21.7 (0.85)	7.7 (0.30)	6.4 (0.25)	3.9 (0.15)	100	
MD2.5-285NDC	7TCA301110R0107	1.5-2.5		0.5x2.8 (0.02x0.11)	19.4 (0.76)	6.5 (0.26)	2.8 (0.11)	4.5 (0.18)	100	
MD2.5-288NDC	7TCA301110R0108	1.5-2.5		0.8x2.8 (0.03x0.11)	19.4 (0.76)	6.5 (0.26)	2.8 (0.11)	4.5 (0.18)	100	
MD2.5-485NDC	7TCA301110R0071	1.5-2.5		0.5x4.8 (0.02x0.19)	19.9 (0.78)	6.7 (0.26)	4.8 (0.19)	4.5 (0.18)	100	
MD2.5-488NDC	7TCA301110R0072	1.5-2.5		0.8x4.8 (0.03x0.19)	19.9 (0.78)	6.7 (0.26)	4.8 (0.19)	4.5 (0.18)	100	
MD2.5-638NDC	7TCA301110R0073	1.5-2.5		0.8x6.35 (0.03x0.25)	21.7 (0.85)	7.7 (0.30)	6.4 (0.25)	4.5 (0.18)	100	
MD6-638NDC	7TCA301110R0074	4.0-6.0		0.8x6.35 (0.03x0.25)	24.0 (0.94)	7.7 (0.30)	6.4 (0.25)	6.4 (0.25)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated piggyback disconnect easy-entry double crimp terminals

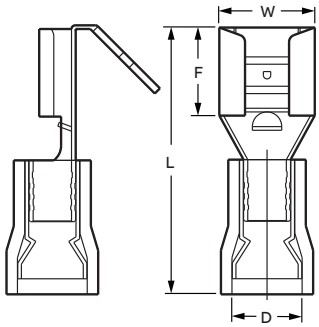
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Compliance: IEC 60352-2, IEC 61210

Nylon-insulated piggyback disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Tab size mm/(in)	Blade width W mm/(in)	Dimensions mm/(in) L	F	D	Qty (pcs)	Crimping tool
PBD1.5-638NDC	7TCA301110R0075	0.5-1.5		0.8x6.35 (0.03x0.25)	6.7 (0.26)	22.0 (0.87)	8.0 (0.31)	3.8 (0.15)	100	ERG9003
PBD2.5-638NDC	7TCA301110R0076	1.5-2.5		0.8x6.35 (0.03x0.25)	6.7 (0.26)	22.0 (0.87)	8.0 (0.31)	4.7 (0.19)	100	
PBD6-638NDC	7TCA301110R0077	4.0-6.0		0.8x6.35 (0.03x0.25)	6.7 (0.26)	25.2 (0.99)	8.0 (0.31)	6.2 (0.24)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated bullet disconnect easy-entry double crimp terminals

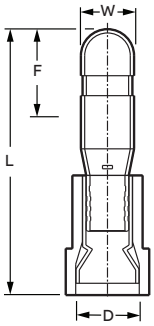
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-insulated bullet disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
BD1.5-4NDC	7TCA301110R0084	0.5-1.5		21.7 (0.85)	8.5 (0.33)	4.0 (0.16)	3.8 (0.15)	100	ERG9003
BD2.5-4NDC	7TCA301110R0085	1.5-2.5		21.7 (0.85)	8.5 (0.33)	4.0 (0.16)	4.7 (0.19)	100	
BD2.5-5NDC	7TCA301110R0086	1.5-2.5		23.2 (0.91)	10.0 (0.39)	5.0 (0.20)	4.7 (0.19)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-fully insulated bullet disconnect easy-entry double crimp terminals

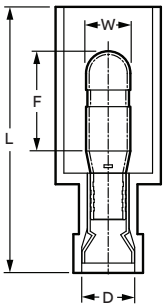
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-fully insulated bullet disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
FIBD1.5-4NDC	7TCA301110R0096	0.5-1.5		26.2 (1.03)	8.5 (0.33)	4.0 (0.16)	3.8 (0.15)	100	ERG9003
FIBD2.5-4NDC	7TCA301110R0097	1.5-2.5		26.2 (1.03)	8.5 (0.33)	4.0 (0.16)	4.7 (0.19)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-insulated receptacle disconnect easy-entry double crimp terminals

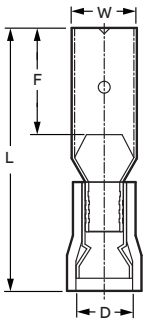
Technical information

- Terminal material: Brass
- Terminal surface treatment: Tin plated
- Double crimp: With copper sleeve on barrel
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-0
- Compliance: IEC 60352-2

Vinyl-insulated receptacle disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm^2)	Colour	Mating pin Ø mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
RD1.5-39VDC	7TCA301310R0053	0.5-1.5		4.0 (0.16)	19.8 (0.78)	7.3 (0.29)	3.9 (0.15)	3.3 (0.13)	100	ERG9003
RD2.5-39VDC	7TCA301310R0054	1.5-2.5		4.0 (0.16)	19.8 (0.78)	7.3 (0.29)	3.9 (0.15)	4.1 (0.16)	100	
RD2.5-49VDC	7TCA301310R0055	1.5-2.5		5.0 (0.20)	21.5 (0.85)	8.5 (0.33)	4.9 (0.19)	4.1 (0.16)	100	
RD6-49VDC	7TCA301310R0056	4.0-6.0		5.0 (0.20)	24.5 (0.96)	8.5 (0.33)	4.9 (0.19)	5.6 (0.22)	100	

Dimensions



Spec-Kon® insulated terminals

Vinyl-fully insulated receptacle disconnect easy-entry double crimp terminals

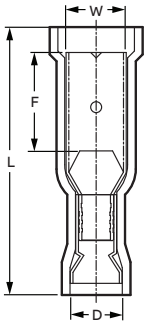
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Vinyl
- Flammability rating of insulation: UL 94 V-0
- Compliance: IEC 60352-2

Vinyl-fully insulated receptacle disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Mating pin Ø mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
FIRD1.5-39VDC	7TCA301310R0064	0.5-1.5		4.0 (0.16)	25.0 (0.98)	7.3 (0.29)	3.9 (0.15)	3.8 (0.15)	100	ERG9003
FIRD2.5-39VDC	7TCA301310R0065	1.5-2.5		4.0 (0.16)	24.5 (0.96)	7.3 (0.29)	3.9 (0.15)	4.7 (0.19)	100	
FIRD2.5-49VDC	7TCA301310R0066	1.5-2.5		5.0 (0.20)	24.5 (0.96)	8.5 (0.33)	4.9 (0.19)	4.7 (0.19)	100	
FIRD6-49VDC	7TCA301310R0067	4.0-6.0		5.0 (0.20)	28.0 (1.10)	8.5 (0.33)	4.9 (0.19)	6.2 (0.24)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-insulated receptacle disconnect easy-entry double crimp terminals

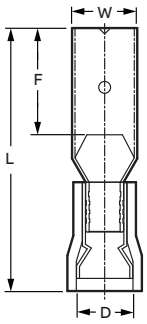
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-insulated receptacle disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm^2)	Colour	Mating pin Ø mm/(in)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
RD1.5-39NDC	7TCA301110R0078	0.5-1.5		4.0 (0.16)	20.5 (0.81)	7.3 (0.29)	4.0 (0.16)	3.8 (0.15)	100	ERG9003
RD2.5-39NDC	7TCA301110R0079	1.5-2.5		4.0 (0.16)	20.5 (0.81)	7.3 (0.29)	4.0 (0.16)	4.7 (0.19)	100	
RD2.5-49NDC	7TCA301110R0080	1.5-2.5		5.0 (0.20)	22.2 (0.87)	8.5 (0.33)	4.9 (0.19)	4.7 (0.19)	100	
RD6-49NDC	7TCA301110R0081	4.0-6.0		5.0 (0.20)	22.2 (0.87)	8.5 (0.33)	4.9 (0.19)	6.2 (0.24)	100	

Dimensions



Spec-Kon® insulated terminals

Nylon-fully insulated receptacle disconnect easy-entry double crimp terminals

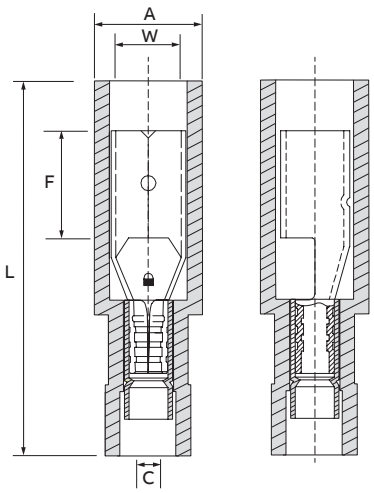
Technical information

- Terminal material: Brass
- Double crimp: With copper sleeve on barrel
- Terminal surface treatment: Tin plated
- Insulation material: Nylon
- Flammability rating of insulation: UL 94 V-2
- Compliance: IEC 60352-2

Nylon-fully insulated receptacle disconnect easy-entry double crimp terminals

Product ref.	GID number	Wire size range (mm²)	Colour	Mating pin Ø mm/(in)	Dimensions mm/(in) W	F	L	A	C	Qty (pcs)	Crimping tool
FIRD1.5-39NDC	7TCA301110R0082	0.5-1.5		4.0 (0.16)	4.0 (0.16)	8.5 (0.33)	26.2 (1.03)	7.5 (0.30)	1.7 (0.07)	100	ERG9003
FIRD2.5-39NDC	7TCA301110R0083	1.5-2.5		4.0 (0.16)	4.0 (0.16)	8.5 (0.33)	26.2 (1.03)	7.5 (0.30)	2.3 (0.09)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated ring terminals

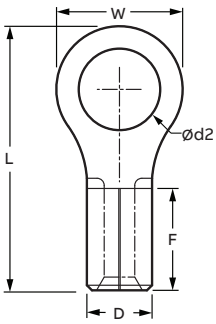
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Metal barrel: Brazed seam

Non-insulated ring terminals

Product ref.	GID number	Wire size range (mm²)	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-3	7TCA301010R0061	0.5-1.5	M3	12.5 (0.49)	4.8 (0.19)	5.5 (0.22)	3.4 (0.13)	100	ERG9001
R1.5-35	7TCA301010R0062	0.5-1.5	M3.5	12.5 (0.49)	4.8 (0.19)	5.5 (0.22)	3.4 (0.13)	100	
R1.5-4	7TCA301010R0063	0.5-1.5	M4	14.4 (0.57)	6.3 (0.25)	6.6 (0.26)	3.4 (0.13)	100	
R1.5-5	7TCA301010R0064	0.5-1.5	M5	15.8 (0.62)	7.0 (0.28)	8.0 (0.31)	3.4 (0.13)	100	
R1.5-6	7TCA301010R0065	0.5-1.5	M6	21.7 (0.85)	11.0 (0.43)	11.8 (0.46)	3.4 (0.13)	100	
R1.5-8	7TCA301010R0066	0.5-1.5	M8	21.7 (0.85)	11.0 (0.43)	11.8 (0.46)	3.4 (0.13)	100	
R1.5-10	7TCA301010R0067	0.5-1.5	M10	25.5 (1.00)	13.9 (0.55)	13.6 (0.54)	3.4 (0.13)	100	
R2.5-3	7TCA301010R0069	1.5-2.5	M3	12.8 (0.50)	4.7 (0.19)	6.6 (0.26)	4.0 (0.16)	100	
R2.5-35	7TCA301010R0070	1.5-2.5	M3.5	12.8 (0.50)	4.7 (0.19)	6.6 (0.26)	4.0 (0.16)	100	
R2.5-4	7TCA301010R0071	1.5-2.5	M4	14.5 (0.57)	6.3 (0.25)	6.6 (0.26)	4.0 (0.16)	100	
R2.5-5	7TCA301010R0072	1.5-2.5	M5	16.8 (0.66)	7.8 (0.31)	8.5 (0.33)	4.0 (0.16)	100	
R2.5-6	7TCA301010R0073	1.5-2.5	M6	21.9 (0.86)	11.0 (0.43)	12.0 (0.47)	4.0 (0.16)	100	
R2.5-8	7TCA301010R0074	1.5-2.5	M8	21.9 (0.86)	11.0 (0.43)	12.0 (0.47)	4.0 (0.16)	100	
R2.5-10	7TCA301010R0075	1.5-2.5	M10	25.5 (1.00)	13.6 (0.54)	13.6 (0.54)	4.0 (0.16)	100	
R6-35	7TCA301010R0169	4.0-6.0	M3.5	15.7 (0.62)	6.1 (0.24)	7.2 (0.28)	5.5 (0.22)	100	
R6-4	7TCA301010R0077	4.0-6.0	M4	19.0 (0.75)	8.3 (0.33)	9.5 (0.37)	5.5 (0.22)	100	
R6-5	7TCA301010R0078	4.0-6.0	M5	19.0 (0.75)	8.3 (0.33)	9.5 (0.37)	5.5 (0.22)	100	
R6-6	7TCA301010R0079	4.0-6.0	M6	22.5 (0.89)	10.5 (0.41)	12.0 (0.47)	5.5 (0.22)	100	
R6-8	7TCA301010R0080	4.0-6.0	M8	27.0 (1.06)	13.5 (0.53)	15.0 (0.59)	5.5 (0.22)	100	
R6-10	7TCA301010R0081	4.0-6.0	M10	27.0 (1.06)	13.5 (0.53)	15.0 (0.59)	5.5 (0.22)	100	
R6-12	7TCA301010R0082	4.0-6.0	M12	31.6 (1.24)	16.0 (0.63)	19.2 (0.76)	5.5 (0.22)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated ring DIN 46234 terminals

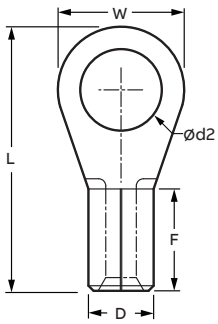
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Metal barrel: Brazed seam

Non-insulated ring DIN 46234 terminals

Product ref.	GID number	Wire size range (mm^2)	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
R1.5-25DIN	7TCA301010R0083	0.5-1.5	M2.5	14.0 (0.55)	6.0 (0.24)	6.0 (0.24)	3.4 (0.13)	100	ERG9001
R1.5-3DIN	7TCA301010R0084	0.5-1.5	M3	14.0 (0.55)	6.0 (0.24)	6.0 (0.24)	3.4 (0.13)	100	
R1.5-35DIN	7TCA301010R0085	0.5-1.5	M3.5	14.0 (0.55)	6.0 (0.24)	6.0 (0.24)	3.4 (0.13)	100	
R1.5-4DIN	7TCA301010R0086	0.5-1.5	M4	16.0 (0.63)	7.0 (0.28)	8.0 (0.31)	3.4 (0.13)	100	
R1.5-5DIN	7TCA301010R0087	0.5-1.5	M5	18.0 (0.71)	8.0 (0.31)	10.0 (0.39)	3.4 (0.13)	100	
R1.5-6DIN	7TCA301010R0088	0.5-1.5	M6	20.5 (0.81)	10.0 (0.39)	11.0 (0.43)	3.4 (0.13)	100	
R1.5-8DIN	7TCA301010R0089	0.5-1.5	M8	24.0 (0.94)	12.0 (0.47)	14.0 (0.55)	3.4 (0.13)	100	
R1.5-10DIN	7TCA301010R0090	0.5-1.5	M10	27.5 (1.08)	14.0 (0.55)	18.0 (0.71)	3.4 (0.13)	100	
R1.5-12DIN	7TCA301010R0170	0.5-1.5	M12	29.0 (1.14)	15.0 (0.59)	18.0 (0.71)	3.4 (0.13)	100	
R2.5-3DIN	7TCA301010R0091	1.5-2.5	M3	14.0 (0.55)	6.0 (0.24)	6.0 (0.24)	4.0 (0.16)	100	
R2.5-35DIN	7TCA301010R0092	1.5-2.5	M3.5	14.0 (0.55)	6.0 (0.24)	6.0 (0.24)	4.0 (0.16)	100	
R2.5-4DIN	7TCA301010R0093	1.5-2.5	M4	16.0 (0.63)	7.0 (0.28)	8.0 (0.31)	4.0 (0.16)	100	
R2.5-5DIN	7TCA301010R0094	1.5-2.5	M5	19.0 (0.75)	9.0 (0.35)	10.0 (0.39)	4.0 (0.16)	100	
R2.5-6DIN	7TCA301010R0095	1.5-2.5	M6	21.5 (0.85)	11.0 (0.43)	11.0 (0.43)	4.0 (0.16)	100	
R2.5-8DIN	7TCA301010R0096	1.5-2.5	M8	24.0 (0.94)	12.0 (0.47)	14.0 (0.55)	4.0 (0.16)	100	
R2.5-10DIN	7TCA301010R0097	1.5-2.5	M10	27.5 (1.08)	13.5 (0.53)	18.0 (0.71)	4.0 (0.16)	100	
R2.5-12DIN	7TCA301010R0171	1.5-2.5	M12	29.0 (1.14)	15.0 (0.59)	18.0 (0.71)	4.0 (0.16)	100	
R6-4DIN	7TCA301010R0098	4.0-6.0	M4	18.0 (0.71)	8.0 (0.31)	8.0 (0.31)	5.5 (0.22)	100	
R6-5DIN	7TCA301010R0099	4.0-6.0	M5	20.0 (0.79)	9.0 (0.35)	10.0 (0.39)	5.5 (0.22)	100	
R6-6DIN	7TCA301010R0100	4.0-6.0	M6	21.5 (0.85)	10.0 (0.39)	11.0 (0.43)	5.5 (0.22)	100	
R6-8DIN	7TCA301010R0101	4.0-6.0	M8	26.0 (1.02)	13.0 (0.51)	14.0 (0.55)	5.5 (0.22)	100	
R6-10DIN	7TCA301010R0102	4.0-6.0	M10	30.0 (1.18)	15.0 (0.59)	18.0 (0.71)	5.5 (0.22)	100	
R6-12DIN	7TCA301010R0103	4.0-6.0	M12	30.0 (1.18)	15.0 (0.59)	18.0 (0.71)	5.5 (0.22)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated fork terminals

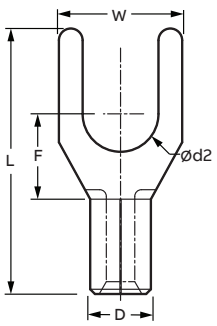
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Metal barrel: Brazed seam

Non-insulated fork terminals

Product ref.	GID number	Wire size range (mm²)	Stud hole size d2	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
F1.5-3	7TCA301010R0104	0.5-1.5	M3	16.0 (0.63)	6.5 (0.26)	5.7 (0.22)	3.4 (0.13)	100	ERG9001
F1.5-35	7TCA301010R0105	0.5-1.5	M3.5	16.0 (0.63)	6.5 (0.26)	6.4 (0.25)	3.4 (0.13)	100	
F1.5-4	7TCA301010R0106	0.5-1.5	M4	16.0 (0.63)	6.5 (0.26)	8.1 (0.32)	3.4 (0.13)	100	
F1.5-5	7TCA301010R0107	0.5-1.5	M5	16.0 (0.63)	6.5 (0.26)	9.5 (0.37)	3.4 (0.13)	100	
F1.5-6	7TCA301010R0108	0.5-1.5	M6	22.0 (0.87)	11.0 (0.43)	12.0 (0.47)	3.4 (0.13)	100	
F2.5-3	7TCA301010R0109	1.5-2.5	M3	16.0 (0.63)	6.5 (0.26)	5.7 (0.22)	4.0 (0.16)	100	
F2.5-35	7TCA301010R0110	1.5-2.5	M3.5	16.0 (0.63)	6.5 (0.26)	6.0 (0.24)	4.0 (0.16)	100	
F2.5-4	7TCA301010R0111	1.5-2.5	M4	16.0 (0.63)	6.5 (0.26)	8.1 (0.32)	4.0 (0.16)	100	
F2.5-5	7TCA301010R0112	1.5-2.5	M5	16.0 (0.63)	6.5 (0.26)	9.3 (0.37)	4.0 (0.16)	100	
F2.5-6	7TCA301010R0113	1.5-2.5	M6	22.0 (0.87)	11.0 (0.43)	12.0 (0.47)	4.0 (0.16)	100	
F6-35	7TCA301010R0172	4.0-6.0	M3.5	18.5 (0.73)	7.0 (0.28)	8.3 (0.33)	5.5 (0.22)	100	
F6-4	7TCA301010R0114	4.0-6.0	M4	18.5 (0.73)	7.0 (0.28)	9.0 (0.35)	5.5 (0.22)	100	
F6-5	7TCA301010R0115	4.0-6.0	M5	18.5 (0.73)	7.0 (0.28)	9.0 (0.35)	5.5 (0.22)	100	
F6-6	7TCA301010R0116	4.0-6.0	M6	24.5 (0.96)	12.0 (0.47)	12.0 (0.47)	5.5 (0.22)	100	
F6-8	7TCA301010R0117	4.0-6.0	M8	23.5 (0.93)	11.5 (0.45)	14.0 (0.55)	5.5 (0.22)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated blade terminals

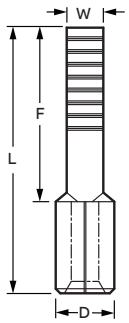
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Metal barrel: Brazed seam

Non-insulated blade terminals

Product ref.	GID number	Wire size range (mm²)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
B1.5-2814	7TCA301010R0173	0.5-1.5	13.8 (0.54)	9.0 (0.35)	2.8 (0.11)	3.4 (0.13)	100	ERG9001
B1.5-2315	7TCA301010R0174	0.5-1.5	14.8 (0.58)	10.0 (0.39)	2.3 (0.09)	3.4 (0.13)	100	
B1.5-3016	7TCA301010R0175	0.5-1.5	16.0 (0.63)	11.0 (0.43)	3.0 (0.12)	3.4 (0.13)	100	
B1.5-2418	7TCA301010R0176	0.5-1.5	17.8 (0.70)	13.0 (0.51)	2.4 (0.09)	3.4 (0.13)	100	
B1.5-2419	7TCA301010R0177	0.5-1.5	18.8 (0.74)	14.0 (0.55)	2.4 (0.09)	3.4 (0.13)	100	
B1.5-2223	7TCA301010R0178	0.5-1.5	22.8 (0.90)	18.0 (0.71)	2.2 (0.09)	3.4 (0.13)	100	
B2.5-2814	7TCA301010R0179	1.5-2.5	13.8 (0.54)	9.0 (0.35)	2.8 (0.11)	4.0 (0.16)	100	
B2.5-2315	7TCA301010R0180	1.5-2.5	14.8 (0.58)	10.0 (0.39)	2.3 (0.09)	4.0 (0.16)	100	
B2.5-2418	7TCA301010R0181	1.5-2.5	17.8 (0.70)	13.0 (0.51)	2.4 (0.09)	4.0 (0.16)	100	
B2.5-2419	7TCA301010R0182	1.5-2.5	18.8 (0.74)	14.0 (0.55)	2.4 (0.09)	4.0 (0.16)	100	
B2.5-2223	7TCA301010R0183	1.5-2.5	22.8 (0.90)	18.0 (0.71)	2.2 (0.09)	4.0 (0.16)	100	
B6-2816	7TCA301010R0184	4.0-6.0	16.0 (0.63)	10.0 (0.39)	2.8 (0.11)	5.5 (0.22)	100	
B6-4520	7TCA301010R0185	4.0-6.0	20.0 (0.79)	14.0 (0.55)	4.5 (0.18)	5.5 (0.22)	100	
B6-4524	7TCA301010R0186	4.0-6.0	24.0 (0.94)	18.0 (0.71)	4.5 (0.18)	5.5 (0.22)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated pin terminals

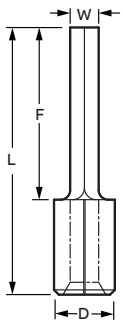
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Metal barrel: Brazed seam

Non-insulated pin terminals

Product ref.	GID number	Wire size range (mm²)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
P1.5-14	7TCA301010R0128	0.5-1.5	13.8 (0.54)	9.0 (0.35)	1.9 (0.07)	3.4 (0.13)	100	ERG9001
P1.5-15	7TCA301010R0129	0.5-1.5	14.8 (0.58)	10.0 (0.39)	1.9 (0.07)	3.4 (0.13)	100	
P1.5-17	7TCA301010R0130	0.5-1.5	16.8 (0.66)	12.0 (0.47)	1.9 (0.07)	3.4 (0.13)	100	
P1.5-18	7TCA301010R0131	0.5-1.5	17.8 (0.70)	13.0 (0.51)	1.9 (0.07)	3.4 (0.13)	100	
P2.5-14	7TCA301010R0134	1.5-2.5	13.8 (0.54)	9.0 (0.35)	1.9 (0.07)	4.0 (0.16)	100	
P2.5-15	7TCA301010R0135	1.5-2.5	14.8 (0.58)	10.0 (0.39)	1.9 (0.07)	4.0 (0.16)	100	
P2.5-17	7TCA301010R0136	1.5-2.5	16.8 (0.66)	12.0 (0.47)	1.9 (0.07)	4.0 (0.16)	100	
P2.5-18	7TCA301010R0137	1.5-2.5	17.8 (0.70)	13.0 (0.51)	1.9 (0.07)	4.0 (0.16)	100	
P2.5-19	7TCA301010R0187	1.5-2.5	18.8 (0.74)	14.0 (0.55)	1.9 (0.07)	4.0 (0.16)	100	
P2.5-20	7TCA301010R0188	1.5-2.5	19.8 (0.78)	15.0 (0.59)	1.9 (0.07)	4.0 (0.16)	100	
P2.5-21	7TCA301010R0138	1.5-2.5	21.0 (0.83)	16.0 (0.63)	1.9 (0.07)	4.0 (0.16)	100	
P6-17	7TCA301010R0139	4.0-6.0	16.0 (0.63)	10.0 (0.39)	2.8 (0.11)	5.5 (0.22)	100	
P6-19	7TCA301010R0189	4.0-6.0	19.0 (0.75)	13.0 (0.51)	2.8 (0.11)	5.5 (0.22)	100	
P6-18	7TCA301010R0190	4.0-6.0	20.0 (0.79)	14.0 (0.55)	2.8 (0.11)	5.5 (0.22)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated butt splice terminals

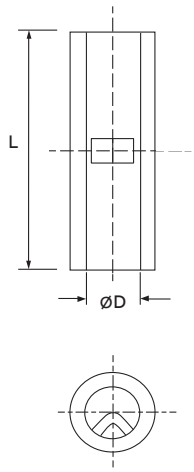
Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated

Non-insulated butt splice terminals

Product ref.	GID number	Wire size range (mm^2)	Dimensions mm/(in) L	Dimensions mm/(in) D	Qty (pcs)	Crimping tool
BS1.5	7TCA301010R0143	0.5-1.5	15.0 (0.59)	3.4 (0.13)	100	ERG9001
BS2.5	7TCA301010R0144	1.5-2.5	15.0 (0.59)	4.0 (0.16)	100	
BS6	7TCA301010R0145	4.0-6.0	15.0 (0.59)	5.5 (0.22)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated female disconnect easy-entry terminals

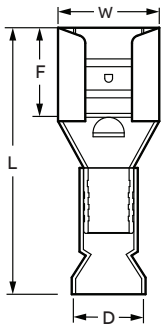
Technical information

- Terminal material: Brass
- Terminal surface treatment: Tin plated

Non-insulated female disconnect easy-entry terminals

Product ref.	GID number	Wire size range (mm^2)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
FD1.5-285	7TCA301010R0146	0.5-1.5	16.8 (0.66)	6.4 (0.25)	3.2 (0.13)	3.3 (0.13)	100	ERG9001
FD1.5-288	7TCA301010R0147	0.5-1.5	16.8 (0.66)	6.4 (0.25)	3.2 (0.13)	3.3 (0.13)	100	
FD1.5-485	7TCA301010R0148	0.5-1.5	17.0 (0.67)	6.4 (0.25)	5.0 (0.20)	3.3 (0.13)	100	
FD1.5-488	7TCA301010R0149	0.5-1.5	17.0 (0.67)	6.4 (0.25)	5.0 (0.20)	3.3 (0.13)	100	
FD1.5-638	7TCA301010R0150	0.5-1.5	18.8 (0.74)	7.2 (0.28)	6.6 (0.26)	3.3 (0.13)	100	
FD2.5-285	7TCA301010R0151	1.5-2.5	16.8 (0.66)	6.4 (0.25)	3.2 (0.13)	4.0 (0.16)	100	
FD2.5-288	7TCA301010R0152	1.5-2.5	16.8 (0.66)	6.4 (0.25)	3.2 (0.13)	4.0 (0.16)	100	
FD2.5-485	7TCA301010R0153	1.5-2.5	17.0 (0.67)	6.4 (0.25)	5.0 (0.20)	4.0 (0.16)	100	
FD2.5-488	7TCA301010R0154	1.5-2.5	17.0 (0.67)	6.4 (0.25)	5.0 (0.20)	4.0 (0.16)	100	
FD2.5-638	7TCA301010R0155	1.5-2.5	18.8 (0.74)	7.2 (0.28)	6.6 (0.26)	4.0 (0.16)	100	
FD6-638	7TCA301010R0156	4.0-6.0	19.8 (0.78)	7.2 (0.28)	6.6 (0.26)	5.5 (0.22)	100	

Dimensions



Spec-Kon® non-insulated terminals

Non-insulated male disconnect terminals

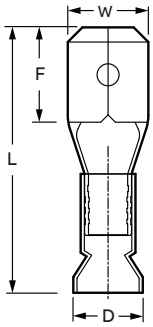
Technical information

- Terminal material: Brass
- Terminal surface treatment: Tin plated

Non-insulated male disconnect terminals

Product ref.	GID number	Wire size range (mm²)	Dimensions mm/(in) L	F	W	D	Qty (pcs)	Crimping tool
MD1.5-285	7TCA301010R0157	0.5-1.5	16.7 (0.66)	6.5 (0.26)	2.8 (0.11)	3.3 (0.13)	100	ERG9001
MD1.5-288	7TCA301010R0158	0.5-1.5	16.7 (0.66)	6.5 (0.26)	2.8 (0.11)	3.3 (0.13)	100	
MD1.5-485	7TCA301110R0068	0.5-1.5	17.3 (0.68)	6.7 (0.26)	4.8 (0.19)	3.3 (0.13)	100	
MD1.5-488	7TCA301010R0160	0.5-1.5	17.3 (0.68)	6.7 (0.26)	4.8 (0.19)	3.3 (0.13)	100	
MD1.5-638	7TCA301010R0161	0.5-1.5	19.0 (0.75)	7.6 (0.30)	6.4 (0.25)	3.3 (0.13)	100	
MD2.5-285	7TCA301010R0162	1.5-2.5	16.7 (0.66)	6.5 (0.26)	2.8 (0.11)	4.0 (0.16)	100	
MD2.5-288	7TCA301010R0163	1.5-2.5	16.7 (0.66)	6.5 (0.26)	2.8 (0.11)	4.0 (0.16)	100	
MD2.5-485	7TCA301010R0164	1.5-2.5	17.3 (0.68)	7.6 (0.30)	4.8 (0.19)	4.0 (0.16)	100	
MD2.5-488	7TCA301010R0165	1.5-2.5	17.3 (0.68)	7.6 (0.30)	4.8 (0.19)	4.0 (0.16)	100	
MD2.5-638	7TCA301010R0166	1.5-2.5	19.0 (0.75)	7.6 (0.30)	6.4 (0.25)	4.0 (0.16)	100	
MD6-638	7TCA301010R0167	4.0-6.0	21.0 (0.83)	7.6 (0.30)	6.4 (0.25)	5.5 (0.22)	100	

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated standard cord ends (ferrules)

Technical information
- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Polypropylene

Colour designation
- Part nos. ending in “D” use DIN standard colors
- Part nos. ending in “F” use French standard colors
- Part nos. ending in “G” use German standard colors

Application
- Polypropylene covered ferrules for copper conductors ranging in size from 0.14 to 150mm²

Conforms to
- According to DIN 46228-4 (0.5-50mm²)
- UL and CSA Standards for DIN colors (0.5 - 50mm²)

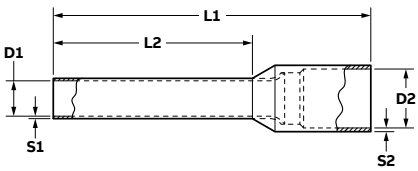
UL CERTIFIED SAFETY US CA E489056 Covered Ferrule

Polypropylene-insulated standard cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs)	Crimping tool
FER0106P-F	7TCA301140R0276	0.14	26		0.6 (0.02)	1.5 (0.06)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	FER9500, FER9501
FER0108P-F	7TCA301140R0277	0.14	26		0.6 (0.02)	1.5 (0.06)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0106P-G	7TCA301140R0183	0.14	26		0.6 (0.02)	1.5 (0.06)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0108P-G	7TCA301140R0182	0.14	26		0.6 (0.02)	1.5 (0.06)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0206P-YF	7TCA301140R0279	0.25	24		0.85 (0.03)	1.8 (0.07)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	ERG4/ 9000EX, FER9500, FER9501
FER0208P-YF	7TCA301140R0281	0.25	24		0.85 (0.03)	1.8 (0.07)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0206P-PF	7TCA301140R0278	0.25	24		0.85 (0.03)	1.8 (0.07)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0208P-PF	7TCA301140R0280	0.25	24		0.85 (0.03)	1.8 (0.07)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0212P-PF	7TCA301140R0287	0.25	24		0.85 (0.03)	1.8 (0.07)	16.0 (0.63)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER0206P-G	7TCA301140R0181	0.25	24		0.85 (0.03)	1.8 (0.07)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0208P-G	7TCA301140R0184	0.25	24		0.85 (0.03)	1.8 (0.07)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0212P-G	7TCA301140R0193	0.25	24		0.85 (0.03)	1.8 (0.07)	16.0 (0.63)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER0306P-G	7TCA301140R0192	0.34	22		0.85 (0.03)	2.0 (0.08)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0308P-G	7TCA301140R0331	0.34	22		0.85 (0.03)	2.0 (0.08)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0312P-G	7TCA301140R0190	0.34	22		0.85 (0.03)	2.0 (0.08)	16.0 (0.63)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER0306P-PF	7TCA301140R0283	0.34	22		0.85 (0.03)	2.0 (0.08)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0308P-PF	7TCA301140R0285	0.34	22		0.85 (0.03)	2.0 (0.08)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0312P-PF	7TCA301140R0282	0.34	22		0.85 (0.03)	2.0 (0.08)	16.0 (0.63)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER0306P-YF	7TCA301140R0284	0.34	22		0.85 (0.03)	2.0 (0.08)	10.0 (0.39)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0308P-YF	7TCA301140R0286	0.34	22		0.85 (0.03)	2.0 (0.08)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0506P-D	7TCA301140R0238	0.5	20		1.0 (0.04)	2.6 (0.10)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0508P-D	7TCA301140R0357	0.5	20		1.0 (0.04)	2.6 (0.10)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0510P-D	7TCA301140R0236	0.5	20		1.0 (0.04)	2.6 (0.10)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER0512P-D	7TCA301140R0359	0.5	20		1.0 (0.04)	2.6 (0.10)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER0506P-F	7TCA301140R0288	0.5	20		1.0 (0.04)	2.6 (0.10)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0508P-F	7TCA301140R0289	0.5	20		1.0 (0.04)	2.6 (0.10)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0510P-F	7TCA301140R0383	0.5	20		1.0 (0.04)	2.6 (0.10)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER0512P-F	7TCA301140R0291	0.5	20		1.0 (0.04)	2.6 (0.10)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated standard cord ends (ferrules) (continued)

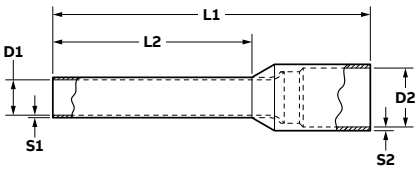
Covered Ferrule

Polypropylene-insulated standard cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs)	Crimping tool
FER0506P-G	7TCA301140R0189	0.5	20		1.0 (0.04)	2.6 (0.10)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	ERG4/ 9000EX, FER9500, FER9501
FER0508P-G	7TCA301140R0188	0.5	20		1.0 (0.04)	2.6 (0.10)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0510P-G	7TCA301140R0187	0.5	20		1.0 (0.04)	2.6 (0.10)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER0512P-G	7TCA301140R0180	0.5	20		1.0 (0.04)	2.6 (0.10)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER7506P-D	7TCA301140R0239	0.75	18		1.2 (0.05)	2.8 (0.11)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER7508P-D	7TCA301140R0240	0.75	18		1.2 (0.05)	2.8 (0.11)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER7509P-D	7TCA301140R0241	0.75	18		1.2 (0.05)	2.8 (0.11)	15.0 (0.59)	9.0 (0.35)	0.15 (0.01)	0.25 (0.01)	500	
FER7510P-D	7TCA301140R0361	0.75	18		1.2 (0.05)	2.8 (0.11)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER7512P-D	7TCA301140R0362	0.75	18		1.2 (0.05)	2.8 (0.11)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER7506P-F	7TCA301140R0292	0.75	18		1.2 (0.05)	2.8 (0.11)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER7508P-F	7TCA301140R0386	0.75	18		1.2 (0.05)	2.8 (0.11)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER7509P-F	7TCA301140R0296	0.75	18		1.2 (0.05)	2.8 (0.11)	15.0 (0.59)	9.0 (0.35)	0.15 (0.01)	0.25 (0.01)	500	
FER7510P-F	7TCA301140R0393	0.75	18		1.2 (0.05)	2.8 (0.11)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER7512P-F	7TCA301140R0295	0.75	18		1.2 (0.05)	2.8 (0.11)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER7506P-G	7TCA301140R0186	0.75	18		1.2 (0.05)	2.8 (0.11)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER7508P-G	7TCA301140R0185	0.75	18		1.2 (0.05)	2.8 (0.11)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER7509P-G	7TCA301140R0194	0.75	18		1.2 (0.05)	2.8 (0.11)	15.0 (0.59)	9.0 (0.35)	0.15 (0.01)	0.25 (0.01)	500	
FER7510P-G	7TCA301140R0334	0.75	18		1.2 (0.05)	2.8 (0.11)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER7512P-G	7TCA301140R0203	0.75	18		1.2 (0.05)	2.8 (0.11)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1006P-D	7TCA301140R0243	1.0	18		1.4 (0.06)	3.0 (0.12)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER1008P-D	7TCA301140R0364	1.0	18		1.4 (0.06)	3.0 (0.12)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1010P-D	7TCA301140R0245	1.0	18		1.4 (0.06)	3.0 (0.12)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1012P-D	7TCA301140R0365	1.0	18		1.4 (0.06)	3.0 (0.12)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1006P-F	7TCA301140R0298	1.0	18		1.4 (0.06)	3.0 (0.12)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER1008P-F	7TCA301140R0297	1.0	18		1.4 (0.06)	3.0 (0.12)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1010P-F	7TCA301140R0301	1.0	18		1.4 (0.06)	3.0 (0.12)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1012P-F	7TCA301140R0389	1.0	18		1.4 (0.06)	3.0 (0.12)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1006P-G	7TCA301140R0202	1.0	18		1.4 (0.06)	3.0 (0.12)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER1008P-G	7TCA301140R0337	1.0	18		1.4 (0.06)	3.0 (0.12)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1010P-G	7TCA301140R0200	1.0	18		1.4 (0.06)	3.0 (0.12)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1012P-G	7TCA301140R0197	1.0	18		1.4 (0.06)	3.0 (0.12)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1506P-D	7TCA301140R0247	1.5	16		1.7 (0.07)	3.5 (0.14)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER1508P-D	7TCA301140R0366	1.5	16		1.7 (0.07)	3.5 (0.14)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1510P-D	7TCA301140R0249	1.5	16		1.7 (0.07)	3.5 (0.14)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1512P-D	7TCA301140R0369	1.5	16		1.7 (0.07)	3.5 (0.14)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1518P-D	7TCA301140R0251	1.5	16		1.7 (0.07)	3.5 (0.14)	24.0 (0.94)	18.0 (0.71)	0.15 (0.01)	0.25 (0.01)	500	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated standard cord ends (ferrules) (continued)

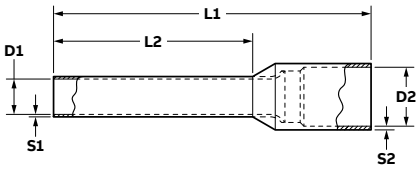
UL CERTIFIED SAFETY US-CA E489056 Covered Ferrule

Polypropylene-insulated standard cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs)	Crimping tool
FER1506P-F	7TCA301140R0300	1.5	16		1.7 (0.07)	3.5 (0.14)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	ERG4/ 9000EX, FER9500, FER9501
FER1508P-F	7TCA301140R0302	1.5	16		1.7 (0.07)	3.5 (0.14)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1510P-F	7TCA301140R0303	1.5	16		1.7 (0.07)	3.5 (0.14)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1512P-F	7TCA301140R0304	1.5	16		1.7 (0.07)	3.5 (0.14)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1518P-F	7TCA301140R0398	1.5	16		1.7 (0.07)	3.5 (0.14)	24.0 (0.94)	18.0 (0.71)	0.15 (0.01)	0.25 (0.01)	500	
FER1506P-G	7TCA301140R0196	1.5	16		1.7 (0.07)	3.5 (0.14)	12.0 (0.47)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER1508P-G	7TCA301140R0341	1.5	16		1.7 (0.07)	3.5 (0.14)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1510P-G	7TCA301140R0198	1.5	16		1.7 (0.07)	3.5 (0.14)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1512P-G	7TCA301140R0344	1.5	16		1.7 (0.07)	3.5 (0.14)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1518P-G	7TCA301140R0208	1.5	16		1.7 (0.07)	3.5 (0.14)	24.0 (0.94)	18.0 (0.71)	0.15 (0.01)	0.25 (0.01)	500	
FER2008P-F	7TCA301140R0306	2.08	14		2.05 (0.08)	4.2 (0.17)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER2012P-F	7TCA301140R0307	2.08	14		2.05 (0.08)	4.2 (0.17)	19.0 (0.75)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER2008P-G	7TCA301140R0206	2.08	14		2.05 (0.08)	4.2 (0.17)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER2506P-D	7TCA301140R0252	2.5	14		2.2 (0.09)	4.2 (0.17)	13.0 (0.51)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER2508P-D	7TCA301140R0253	2.5	14		2.2 (0.09)	4.2 (0.17)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER2510P-D	7TCA301140R0373	2.5	14		2.2 (0.09)	4.2 (0.17)	17.0 (0.67)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER2512P-D	7TCA301140R0255	2.5	14		2.2 (0.09)	4.2 (0.17)	19.0 (0.75)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER2518P-D	7TCA301140R0375	2.5	14		2.2 (0.09)	4.2 (0.17)	25.0 (0.98)	18.0 (0.71)	0.15 (0.01)	0.25 (0.01)	500	
FER2506P-F	7TCA301140R0308	2.5	14		2.2 (0.09)	4.2 (0.17)	13.0 (0.51)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER2508P-F	7TCA301140R0309	2.5	14		2.2 (0.09)	4.2 (0.17)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER2510P-F	7TCA301140R0395	2.5	14		2.2 (0.09)	4.2 (0.17)	17.0 (0.67)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER2512P-F	7TCA301140R0310	2.5	14		2.2 (0.09)	4.2 (0.17)	19.0 (0.75)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER2518P-F	7TCA301140R0402	2.5	14		2.2 (0.09)	4.2 (0.17)	25.0 (0.98)	18.0 (0.71)	0.15 (0.01)	0.25 (0.01)	500	
FER2506P-G	7TCA301140R0205	2.5	14		2.2 (0.09)	4.2 (0.17)	13.0 (0.51)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER2508P-G	7TCA301140R0204	2.5	14		2.2 (0.09)	4.2 (0.17)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER2510P-G	7TCA301140R0345	2.5	14		2.2 (0.09)	4.2 (0.17)	17.0 (0.67)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER2512P-G	7TCA301140R0209	2.5	14		2.2 (0.09)	4.2 (0.17)	19.0 (0.75)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

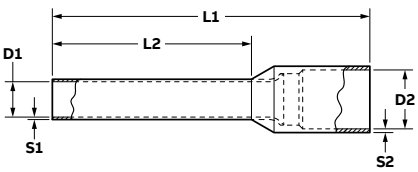
Polypropylene-insulated standard cord ends (ferrules) (continued)

Polypropylene-insulated standard cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs)	Crimping tool
FER2518P-G	7TCA301140R0211	2.5	14		2.2 (0.09)	4.2 (0.17)	25.0 (0.98)	18.0 (0.71)	0.15 (0.01)	0.25 (0.01)	500	ERG4/ 9000EX, FER9500, FER9501
FER4008P-D	7TCA301140R0262	4.0	12		2.8 (0.11)	4.8 (0.19)	16.0 (0.63)	8.0 (0.31)	0.2 (0.01)	0.3 (0.01)	500	
FER4010P-D	7TCA301140R0257	4.0	12		2.8 (0.11)	4.8 (0.19)	18.0 (0.71)	10.0 (0.39)	0.2 (0.01)	0.3 (0.01)	500	
FER4012P-D	7TCA301140R0258	4.0	12		2.8 (0.11)	4.8 (0.19)	20.0 (0.79)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	500	
FER4018P-D	7TCA301140R0465	4.0	12		2.8 (0.11)	4.8 (0.19)	26.0 (1.02)	18.0 (0.71)	0.2 (0.01)	0.3 (0.01)	100	
FER4008P-F	7TCA301140R0317	4.0	12		2.8 (0.11)	4.8 (0.19)	16.0 (0.63)	8.0 (0.31)	0.2 (0.01)	0.3 (0.01)	500	
FER4010P-F	7TCA301140R0312	4.0	12		2.8 (0.11)	4.8 (0.19)	18.0 (0.71)	10.0 (0.39)	0.2 (0.01)	0.3 (0.01)	500	
FER4012P-F	7TCA301140R0313	4.0	12		2.8 (0.11)	4.8 (0.19)	20.0 (0.79)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	500	
FER4018P-F	7TCA301140R0314	4.0	12		2.8 (0.11)	4.8 (0.19)	26.0 (1.02)	18.0 (0.71)	0.2 (0.01)	0.3 (0.01)	100	
FER4008P-G	7TCA301140R0213	4.0	12		2.8 (0.11)	4.8 (0.19)	16.0 (0.63)	8.0 (0.31)	0.2 (0.01)	0.3 (0.01)	500	
FER4010P-G	7TCA301140R0212	4.0	12		2.8 (0.11)	4.8 (0.19)	18.0 (0.71)	10.0 (0.39)	0.2 (0.01)	0.3 (0.01)	500	
FER4012P-G	7TCA301140R0215	4.0	12		2.8 (0.11)	4.8 (0.19)	20.0 (0.79)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	500	
FER4018P-G	7TCA301140R0349	4.0	12		2.8 (0.11)	4.8 (0.19)	26.0 (1.02)	18.0 (0.71)	0.2 (0.01)	0.3 (0.01)	100	
FER6012P-D	7TCA301140R0259	6.0	10		3.5 (0.14)	6.3 (0.25)	20.0 (0.79)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	100	
FER6018P-D	7TCA301140R0378	6.0	10		3.5 (0.14)	6.3 (0.25)	26.0 (1.02)	18.0 (0.71)	0.2 (0.01)	0.3 (0.01)	100	
FER6012P-F	7TCA301140R0315	6.0	10		3.5 (0.14)	6.3 (0.25)	20.0 (0.79)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	100	
FER6018P-F	7TCA301140R0397	6.0	10		3.5 (0.14)	6.3 (0.25)	26.0 (1.02)	18.0 (0.71)	0.2 (0.01)	0.3 (0.01)	100	
FER6012P-G	7TCA301140R0350	6.0	10		3.5 (0.14)	6.3 (0.25)	20.0 (0.79)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
FER6018P-G	7TCA301140R0352	6.0	10		3.5 (0.14)	6.3 (0.25)	26.0 (1.02)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
FER10012P-D	7TCA301140R0261	10.0	8		4.5 (0.18)	7.6 (0.30)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
FER10018P-D	7TCA301140R0380	10.0	8		4.5 (0.18)	7.6 (0.30)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
FER10012P-F	7TCA301140R0320	10.0	8		4.5 (0.18)	7.6 (0.30)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
FER10018P-F	7TCA301140R0404	10.0	8		4.5 (0.18)	7.6 (0.30)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
FER10012P-G	7TCA301140R0353	10.0	8		4.5 (0.18)	7.6 (0.30)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
FER10018P-G	7TCA301140R0220	10.0	8		4.5 (0.18)	7.6 (0.30)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
FER16012P-D	7TCA301140R0266	16.0	6		5.8 (0.23)	8.8 (0.35)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	ERG4/ 9000EX
FER16018P-D	7TCA301140R0265	16.0	6		5.8 (0.23)	8.8 (0.35)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
FER16012P-F	7TCA301140R0319	16.0	6		5.8 (0.23)	8.8 (0.35)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
FER16018P-F	7TCA301140R0322	16.0	6		5.8 (0.23)	8.8 (0.35)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
FER16012P-G	7TCA301140R0221	16.0	6		5.8 (0.23)	8.8 (0.35)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
FER16018P-G	7TCA301140R0222	16.0	6		5.8 (0.23)	8.8 (0.35)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
FER25016P-D	7TCA301140R0268	25.0	4		7.3 (0.29)	11.2 (0.44)	30.0 (1.18)	16.0 (0.63)	0.2 (0.01)	0.4 (0.02)	50	
FER25018P-D	7TCA301140R0267	25.0	4		7.3 (0.29)	11.2 (0.44)	32.0 (1.26)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	50	
FER25022P-D	7TCA301140R0274	25.0	4		7.3 (0.29)	11.2 (0.44)	36.0 (1.42)	22.0 (0.87)	0.2 (0.01)	0.4 (0.02)	50	
FER25016P-F	7TCA301140R0323	25.0	4		7.3 (0.29)	11.2 (0.44)	30.0 (1.18)	16.0 (0.63)	0.2 (0.01)	0.4 (0.02)	50	
FER25018P-F	7TCA301140R0324	25.0	4		7.3 (0.29)	11.2 (0.44)	32.0 (1.26)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	50	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

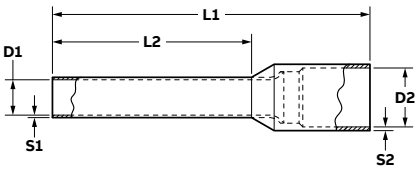
Polypropylene-insulated standard cord ends (ferrules) (continued)

Polypropylene-insulated standard cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs	Crimping tool
FER25022P-F	7TCA301140R0325	25.0	4		7.3 (0.29)	11.2 (0.44)	36.0 (1.42)	22.0 (0.87)	0.2 (0.01)	0.4 (0.02)	50	ERG4/ 9000EX
FER25016P-G	7TCA301140R0223	25.0	4		7.3 (0.29)	11.2 (0.44)	30.0 (1.18)	16.0 (0.63)	0.2 (0.01)	0.4 (0.02)	50	
FER25018P-G	7TCA301140R0214	25.0	4		7.3 (0.29)	11.2 (0.44)	32.0 (1.26)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	50	
FER25022P-G	7TCA301140R0225	25.0	4		7.3 (0.29)	11.2 (0.44)	36.0 (1.42)	22.0 (0.87)	0.2 (0.01)	0.4 (0.02)	50	
FER35016P-D	7TCA301140R0273	35.0	2		8.3 (0.33)	12.7 (0.50)	30.0 (1.18)	16.0 (0.63)	0.2 (0.01)	0.4 (0.02)	50	
FER35018P-D	7TCA301140R0275	35.0	2		8.3 (0.33)	12.7 (0.50)	32.0 (1.26)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	50	
FER35025P-D	7TCA301140R0270	35.0	2		8.3 (0.33)	12.7 (0.50)	39.0 (1.54)	25.0 (0.98)	0.2 (0.01)	0.4 (0.02)	50	
FER35016P-F	7TCA301140R0326	35.0	2		8.3 (0.33)	12.7 (0.50)	30.0 (1.18)	16.0 (0.63)	0.2 (0.01)	0.4 (0.02)	50	
FER35018P-F	7TCA301140R0466	35.0	2		8.3 (0.33)	12.7 (0.50)	32.0 (1.26)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	50	
FER35025P-F	7TCA301140R0327	35.0	2		8.3 (0.33)	12.7 (0.50)	39.0 (1.54)	25.0 (0.98)	0.2 (0.01)	0.4 (0.02)	50	
FER35016P-G	7TCA301140R0224	35.0	2		8.3 (0.33)	12.7 (0.50)	30.0 (1.18)	16.0 (0.63)	0.2 (0.01)	0.4 (0.02)	50	
FER35018P-G	7TCA301140R0229	35.0	2		8.3 (0.33)	12.7 (0.50)	32.0 (1.26)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	50	
FER35025P-G	7TCA301140R0230	35.0	2		8.3 (0.33)	12.7 (0.50)	39.0 (1.54)	26.0 (1.02)	0.2 (0.01)	0.4 (0.02)	50	
FER50020P-D	7TCA301140R0272	50.0	1		10.3 (0.41)	15.0 (0.59)	36.0 (1.42)	20.0 (0.79)	0.3 (0.01)	0.5 (0.02)	50	
FER50025P-D	7TCA301140R0271	50.0	1		10.3 (0.41)	15.0 (0.59)	41.0 (1.61)	25.0 (0.98)	0.3 (0.01)	0.5 (0.02)	50	
FER50030P-D	7TCA301140R0269	50.0	1		10.3 (0.41)	15.0 (0.59)	46.0 (1.81)	30.0 (1.18)	0.3 (0.01)	0.5 (0.02)	50	
FER50020P-F	7TCA301140R0328	50.0	1		10.3 (0.41)	15.0 (0.59)	36.0 (1.42)	20.0 (0.79)	0.3 (0.01)	0.5 (0.02)	50	
FER50025P-F	7TCA301140R0329	50.0	1		10.3 (0.41)	15.0 (0.59)	41.0 (1.61)	25.0 (0.98)	0.3 (0.01)	0.5 (0.02)	50	
FER50030P-F	7TCA301140R0330	50.0	1		10.3 (0.41)	15.0 (0.59)	46.0 (1.81)	30.0 (1.18)	0.3 (0.01)	0.5 (0.02)	50	
FER50020P-G	7TCA301140R0231	50.0	1		10.3 (0.41)	15.0 (0.59)	36.0 (1.42)	20.0 (0.79)	0.3 (0.01)	0.5 (0.02)	50	
FER50025P-G	7TCA301140R0233	50.0	1		10.3 (0.41)	15.0 (0.59)	41.0 (1.61)	25.0 (0.98)	0.3 (0.01)	0.5 (0.02)	50	
FER50030P-G	7TCA301140R0232	50.0	1		10.3 (0.41)	15.0 (0.59)	46.0 (1.81)	30.0 (1.18)	0.3 (0.01)	0.5 (0.02)	50	
FER70021P-G	7TCA301140R0226	70.0	2		12.7 (0.50)	16.0 (0.63)	37.0 (1.46)	21.0 (0.83)	0.35 (0.01)	0.6 (0.02)	25	–
FER95025P-G	PART00001079343	95.0	3		14.7 (0.58)	18.0 (0.71)	44.0 (1.73)	25.0 (0.98)	0.35 (0.01)	0.6 (0.02)	25	
FER120030P-G	7TCA301140R0228	120.0	250 kcmil		16.5 (0.65)	21.0 (0.83)	50.0 (1.97)	30.0 (1.18)	0.5 (0.02)	0.7 (0.03)	25	
FER150032P-G	7TCA301140R0234	150.0	300 kcmil		18.5 (0.73)	23.5 (0.93)	54.0 (2.13)	32.0 (1.26)	0.5 (0.02)	0.75 (0.03)	25	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated multi-standard cord ends (ferrules)

Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Polypropylene

Colour designation

- Part nos. ending in “D” use DIN standard colors
- Part nos. ending in “F” use French standard colors
- Part nos. ending in “G” use German standard colors

Application

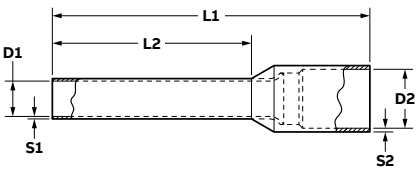
- Polypropylene covered ferrules for copper conductors ranging in size from 0.34 to 35mm²

Polypropylene-insulated multi-standard cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs)	Crimping tool
FER0306P-SF	7TCA301140R0436	0.34	22		0.85 (0.03)	2.6 (0.10)	11.0 (0.43)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	ERG4/ 9000EX, FER9500, FER9501
FER0308P-SF	7TCA301140R0438	0.34	22		0.85 (0.03)	2.6 (0.10)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0306P-SG	7TCA301140R0408	0.34	22		0.85 (0.03)	2.6 (0.10)	11.0 (0.43)	6.0 (0.24)	0.15 (0.01)	0.25 (0.01)	500	
FER0308P-SG	7TCA301140R0407	0.34	22		0.85 (0.03)	2.6 (0.10)	12.0 (0.47)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0508P-SD	7TCA301140R0422	0.5	20		1.0 (0.04)	2.9 (0.11)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0510P-SD	7TCA301140R0424	0.5	20		1.0 (0.04)	2.9 (0.11)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER0512P-SD	7TCA301140R0423	0.5	20		1.0 (0.04)	2.9 (0.11)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER0508P-SF	7TCA301140R0439	0.5	20		1.0 (0.04)	2.9 (0.11)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0510P-SF	7TCA301140R0437	0.5	20		1.0 (0.04)	2.9 (0.11)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER0512P-SF	7TCA301140R0441	0.5	20		1.0 (0.04)	2.9 (0.11)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER0508P-SG	7TCA301140R0414	0.5	20		1.0 (0.04)	2.9 (0.11)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER0510P-SG	7TCA301140R0413	0.5	20		1.0 (0.04)	2.9 (0.11)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER0512P-SG	7TCA301140R0409	0.5	20		1.0 (0.04)	2.9 (0.11)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER7508P-SD	7TCA301140R0425	0.75	18		1.2 (0.05)	3.4 (0.13)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER7510P-SD	7TCA301140R0433	0.75	18		1.2 (0.05)	3.4 (0.13)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER7512P-SD	7TCA301140R0434	0.75	18		1.2 (0.05)	3.4 (0.13)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER7508P-SF	7TCA301140R0442	0.75	18		1.2 (0.05)	3.4 (0.13)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER7510P-SF	7TCA301140R0443	0.75	18		1.2 (0.05)	3.4 (0.13)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER7512P-SF	7TCA301140R0444	0.75	18		1.2 (0.05)	3.4 (0.13)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER7508P-SG	7TCA301140R0410	0.75	18		1.2 (0.05)	3.4 (0.13)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER7510P-SG	7TCA301140R0411	0.75	18		1.2 (0.05)	3.4 (0.13)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER7512P-SG	7TCA301140R0412	0.75	18		1.2 (0.05)	3.4 (0.13)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1008P-SD	7TCA301140R0432	1.0	18		1.4 (0.06)	3.5 (0.14)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1010P-SD	7TCA301140R0431	1.0	18		1.4 (0.06)	3.5 (0.14)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1012P-SD	7TCA301140R0430	1.0	18		1.4 (0.06)	3.5 (0.14)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1008P-SF	7TCA301140R0445	1.0	18		1.4 (0.06)	3.5 (0.14)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1010P-SF	7TCA301140R0440	1.0	18		1.4 (0.06)	3.5 (0.14)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1012P-SF	7TCA301140R0446	1.0	18		1.4 (0.06)	3.5 (0.14)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

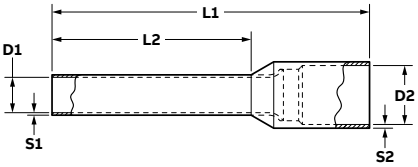
Polypropylene-insulated multi-standard cord ends (ferrules)

Polypropylene-insulated multi-standard cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs	Crimping tool
FER1008P-SG	7TCA301140R0416	1.0	18		1.4 (0.06)	3.5 (0.14)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	ERG4/ 9000EX, FER9500, FER9501
FER1010P-SG	7TCA301140R0415	1.0	18		1.4 (0.06)	3.5 (0.14)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1012P-SG	7TCA301140R0417	1.0	18		1.4 (0.06)	3.5 (0.14)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1508P-SD	7TCA301140R0429	1.5	16		1.7 (0.07)	4.0 (0.16)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1510P-SD	7TCA301140R0428	1.5	16		1.7 (0.07)	4.0 (0.16)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1512P-SD	7TCA301140R0427	1.5	16		1.7 (0.07)	4.0 (0.16)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1508P-SF	7TCA301140R0450	1.5	16		1.7 (0.07)	4.0 (0.16)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1510P-SF	7TCA301140R0451	1.5	16		1.7 (0.07)	4.0 (0.16)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.25 (0.01)	500	
FER1512P-SF	7TCA301140R0449	1.5	16		1.7 (0.07)	4.0 (0.16)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER1508P-SG	7TCA301140R0419	1.5	16		1.7 (0.07)	4.0 (0.16)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	
FER1512P-SG	7TCA301140R0418	1.5	16		1.7 (0.07)	4.0 (0.16)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.25 (0.01)	500	
FER35016P-SD	7TCA301140R0426	35.0	2		8.3 (0.33)	12.7 (0.50)	30.0 (1.18)	16.0 (0.63)	0.3 (0.01)	0.4 (0.02)	50	ERG4/ 9000EX
FER35018P-SD	7TCA301140R0435	35.0	2		8.3 (0.33)	12.7 (0.50)	32.0 (1.26)	18.0 (0.71)	0.3 (0.01)	0.4 (0.02)	50	
FER35016P-SF	7TCA301140R0447	35.0	2		8.3 (0.33)	12.7 (0.50)	30.0 (1.18)	16.0 (0.63)	0.3 (0.01)	0.4 (0.02)	50	
FER35018P-SF	7TCA301140R0448	35.0	2		8.3 (0.33)	12.7 (0.50)	32.0 (1.26)	18.0 (0.71)	0.3 (0.01)	0.4 (0.02)	50	
FER35016P-SG	7TCA301140R0420	35.0	2		8.3 (0.33)	12.7 (0.50)	30.0 (1.18)	16.0 (0.63)	0.3 (0.01)	0.4 (0.02)	50	
FER35018P-SG	7TCA301140R0421	35.0	2		8.3 (0.33)	12.7 (0.50)	32.0 (1.26)	18.0 (0.71)	0.3 (0.01)	0.4 (0.02)	50	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated reduced width cord ends (ferrules)

Technical information
- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Polypropylene

Colour designation
- Part nos. ending in “D” use DIN standard colors
- Part nos. ending in “F” use French standard colors
- Part nos. ending in “G” use German standard colors

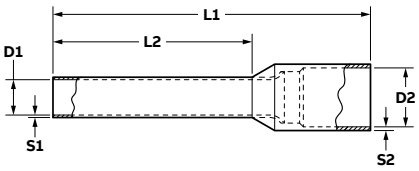
Application
- Polypropylene covered ferrules with reduced width for copper conductors ranging in size from 2.5 to 10mm²

Polypropylene-insulated reduced width cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs)	Crimping tool
FER2508P-WD	7TCA301140R0454	2.5	14		2.2 (0.09)	4.0 (0.16)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.15 (0.01)	500	ERG4/ 9000EX, FER9500, FER9501
FER2508P-WF	7TCA301140R0453	2.5	14		2.2 (0.09)	4.0 (0.16)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.15 (0.01)	500	
FER2508P-WG	7TCA301140R0452	2.5	14		2.2 (0.09)	4.0 (0.16)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.15 (0.01)	500	
FER4012P-WG	7TCA301140R0455	4.0	12		2.8 (0.11)	4.7 (0.19)	20.0 (0.79)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	500	
FER10012P-WG	7TCA301140R0456	10.0	8		4.5 (0.18)	7.1 (0.28)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated cord ends (ferrules) for NSGAFÖU conductors

Technical information

- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Polypropylene

Colour designation

- Part nos. ending in “D” use DIN standard colors

Application

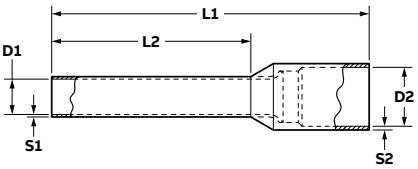
- Polypropylene covered ferrules for use with NSGAFÖU VDE certified conductors ranging in size from 1.5 to 16mm²

Polypropylene-insulated cord ends (ferrules) for NSGAFÖU conductors

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) D1	D2	L1	L2	S1	S2	Qty (pcs)	Crimping tool
FER1508P-SCD	7TCA301140R0457	1.5	16		1.8 (0.07)	6.4 (0.25)	17.5 (0.69)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	100	ERG4/ 9000EX, FER9500, FER9501
FER1510P-SCD	7TCA301140R0458	1.5	16		1.8 (0.07)	6.4 (0.25)	19.5 (0.77)	10.0 (0.39)	0.15 (0.01)	0.3 (0.01)	100	
FER2508P-SCD	7TCA301140R0459	2.5	14		2.3 (0.09)	7.3 (0.29)	17.5 (0.69)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	100	
FER2512P-SCD	7TCA301140R0464	2.5	14		2.3 (0.09)	7.3 (0.29)	21.5 (0.85)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	100	
FER4010P-SCD	7TCA301140R0460	4.0	12		2.9 (0.11)	7.3 (0.29)	19.5 (0.77)	10.0 (0.39)	0.2 (0.01)	0.3 (0.01)	100	
FER6012P-SCD	7TCA301140R0461	6.0	10		3.6 (0.14)	8.1 (0.32)	23.0 (0.91)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	100	
FER10012P-SCD	7TCA301140R0462	10.0	8		4.6 (0.18)	9.6 (0.38)	24.0 (0.94)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	100	
FER16012P-SCD	7TCA301140R0463	16.0	6		6.0 (0.24)	11.9 (0.47)	25.5 (1.00)	12.0 (0.47)	0.2 (0.01)	0.3 (0.01)	100	ERG4/ 9000EX

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated twin cord ends (ferrules)

Technical information
- Terminal material: Copper
- Terminal surface treatment: Tin plated
- Insulation material: Polypropylene

Colour designation
- Part nos. ending in “D” use DIN standard colors
- Part nos. ending in “F” use French standard colors
- Part nos. ending in “G” use German standard colors

Application
- Polypropylene covered ferrules for copper conductors ranging in size from two .34mm² to two 16mm²

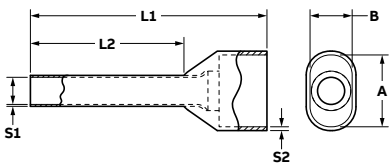
Conforms to
- UL and CSA Standards for DIN colors
- DIN 46228-4 (0.5mm² - 16 mm²)

Polypropylene-insulated twin cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) A	B	D1	L1	L2	S1	S2	Qty (pcs)	Crimping tool
2FER0308P-G	7TCA301140R0331	2 x 0.34	2 x 22		3.5 (0.14)	2.0 (0.08)	1.2 (0.05)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.25 (0.01)	500	ERG4/ 9000EX, NEST: 0.25-0.75, FER9500, FER9501
2FER0508P-D	7TCA301140R0357	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	14.0 (0.55)	8.2 (0.32)	0.15 (0.01)	0.3 (0.01)	500	
2FER0510P-D	7TCA301140R0358	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.3 (0.01)	500	
2FER0512P-D	7TCA301140R0359	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER0508P-F	7TCA301140R0382	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	14.0 (0.55)	8.2 (0.32)	0.15 (0.01)	0.3 (0.01)	500	
2FER0510P-F	7TCA301140R0383	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.3 (0.01)	500	
2FER0512P-F	7TCA301140R0384	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER0508P-G	7TCA301140R0332	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	14.0 (0.55)	8.2 (0.32)	0.15 (0.01)	0.3 (0.01)	500	
2FER0510P-G	7TCA301140R0343	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.3 (0.01)	500	
2FER0512P-G	7TCA301140R0342	2 x 0.5	2 x 20		5.0 (0.20)	3.0 (0.12)	1.4 (0.06)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER7508P-D	7TCA301140R0360	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	ERG4/ 9000EX, NEST: 1-1.5, FER9500, FER9501
2FER7510P-D	7TCA301140R0361	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.3 (0.01)	500	
2FER7512P-D	7TCA301140R0362	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER7518P-D	7TCA301140R0363	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	24.0 (0.94)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	500	
2FER7508P-F	7TCA301140R0386	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	
2FER7510P-F	7TCA301140R0393	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.3 (0.01)	500	
2FER7512P-F	7TCA301140R0392	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER7518P-F	7TCA301140R0391	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	24.0 (0.94)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	500	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

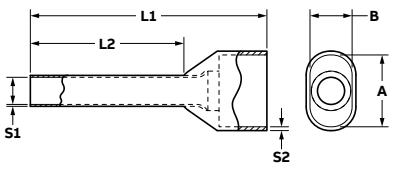
Polypropylene-insulated twin cord ends (ferrules) (continued)

Polypropylene-insulated twin cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) A	B	D1	L1	L2	S1	S2	Qty (pcs)	Crimping tool
2FER7508P-G	7TCA301140R0333	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	14.0 (0.55)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	ERG4/ 9000EX, NEST: 1-1.5, FER9500, FER9501
2FER7510P-G	7TCA301140R0334	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	16.0 (0.63)	10.0 (0.39)	0.15 (0.01)	0.3 (0.01)	500	
2FER7512P-G	7TCA301140R0335	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	18.0 (0.71)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER7518P-G	7TCA301140R0336	2x 0.75	2 x 18		5.5 (0.22)	3.0 (0.12)	1.7 (0.07)	24.0 (0.94)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	500	
2FER1008P-D	7TCA301140R0364	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	
2FER1012P-D	7TCA301140R0365	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	19.0 (0.75)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER1014P-D	7TCA301140R0367	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	21.0 (0.83)	14.0 (0.55)	0.15 (0.01)	0.3 (0.01)	500	
2FER1018P-D	7TCA301140R0368	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	25.0 (0.98)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	500	
2FER1008P-F	7TCA301140R0390	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	
2FER1012P-F	7TCA301140R0389	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	19.0 (0.75)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER1014P-F	7TCA301140R0388	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	21.0 (0.83)	14.0 (0.55)	0.15 (0.01)	0.3 (0.01)	500	
2FER1018P-F	7TCA301140R0385	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	25.0 (0.98)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	500	
2FER1008P-G	7TCA301140R0337	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	15.0 (0.59)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	
2FER1012P-G	7TCA301140R0338	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	19.0 (0.75)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER1014P-G	7TCA301140R0339	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	21.0 (0.83)	14.0 (0.55)	0.15 (0.01)	0.3 (0.01)	500	
2FER1018P-G	7TCA301140R0340	2 x 1	2 x 18		5.8 (0.23)	3.2 (0.13)	2.0 (0.08)	25.0 (0.98)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	500	
2FER1508P-D	7TCA301140R0366	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	16.0 (0.63)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	
2FER1512P-D	7TCA301140R0369	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	20.0 (0.79)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER1518P-D	7TCA301140R0372	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	26.0 (1.02)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	100	
2FER1508P-F	7TCA301140R0387	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	16.0 (0.63)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	
2FER1512P-F	7TCA301140R0394	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	20.0 (0.79)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER1518P-F	7TCA301140R0398	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	26.0 (1.02)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	100	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Polypropylene-insulated twin cord ends (ferrules) (continued)

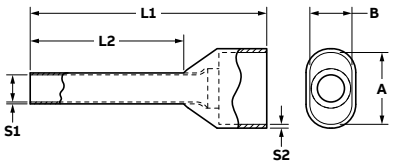
Polypropylene-insulated twin cord ends (ferrules)

Covered Ferrule

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) A	B	D1	L1	L2	S1	S2	Qty (pcs)	Crimping tool
2FER1508P-G	7TCA301140R0341	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	16.0 (0.63)	8.0 (0.31)	0.15 (0.01)	0.3 (0.01)	500	ERG4/ 9000EX, NEST: 1-1.5, FER9500, FER9501
2FER1512P-G	7TCA301140R0344	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	20.0 (0.79)	12.0 (0.47)	0.15 (0.01)	0.3 (0.01)	500	
2FER1518P-G	7TCA301140R0346	2 x 1.5	2 x 16		6.5 (0.26)	3.6 (0.14)	2.2 (0.09)	26.0 (1.02)	18.0 (0.71)	0.15 (0.01)	0.3 (0.01)	100	
2FER2510P-D	7TCA301140R0373	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	19.0 (0.75)	10.0 (0.39)	0.2 (0.01)	0.4 (0.02)	500	ERG4/ 9000EX, NEST: 2.5, FER9500, FER9501
2FER2512P-D	7TCA301140R0374	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	21.0 (0.83)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
2FER2518P-D	7TCA301140R0375	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	27.0 (1.06)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
2FER2510P-F	7TCA301140R0395	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	19.0 (0.75)	10.0 (0.39)	0.2 (0.01)	0.4 (0.02)	500	
2FER2512P-F	7TCA301140R0403	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	21.0 (0.83)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
2FER2518P-F	7TCA301140R0402	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	27.0 (1.06)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
2FER2510P-G	7TCA301140R0345	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	19.0 (0.75)	10.0 (0.39)	0.2 (0.01)	0.4 (0.02)	500	
2FER2512P-G	7TCA301140R0347	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	21.0 (0.83)	12.0 (0.47)	0.2 (0.01)	0.4 (0.02)	100	
2FER2518P-G	7TCA301140R0351	2 x 2.5	2 x 14		8.0 (0.31)	4.5 (0.18)	2.8 (0.11)	27.0 (1.06)	18.0 (0.71)	0.2 (0.01)	0.4 (0.02)	100	
2FER4012P-D	7TCA301140R0376	2 x 4.0	2 x 12		9.0 (0.35)	5.2 (0.20)	3.5 (0.14)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	ERG4/ 9000EX, NEST: 6, FER9500, FER9501
2FER4018P-D	7TCA301140R0370	2 x 4.0	2 x 12		9.0 (0.35)	5.2 (0.20)	3.5 (0.14)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER4012P-F	7TCA301140R0401	2 x 4.0	2 x 12		9.0 (0.35)	5.2 (0.20)	3.5 (0.14)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	
2FER4018P-F	7TCA301140R0400	2 x 4.0	2 x 12		9.0 (0.35)	5.2 (0.20)	3.5 (0.14)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER4012P-G	7TCA301140R0348	2 x 4.0	2 x 12		9.0 (0.35)	5.2 (0.20)	3.5 (0.14)	22.0 (0.87)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	
2FER4018P-G	7TCA301140R0349	2 x 4.0	2 x 12		9.0 (0.35)	5.2 (0.20)	3.5 (0.14)	28.0 (1.10)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER6012P-D	7TCA301140R0377	2 x 6.0	2 x 10		11.4 (0.45)	6.2 (0.24)	4.5 (0.18)	23.0 (0.91)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	ERG4/ 9000EX, NEST: 10
2FER6018P-D	7TCA301140R0378	2 x 6.0	2 x 10		11.4 (0.45)	6.2 (0.24)	4.5 (0.18)	29.0 (1.14)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER6012P-F	7TCA301140R0399	2 x 6.0	2 x 10		11.4 (0.45)	6.2 (0.24)	4.5 (0.18)	23.0 (0.91)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	
2FER6018P-F	7TCA301140R0397	2 x 6.0	2 x 10		11.4 (0.45)	6.2 (0.24)	4.5 (0.18)	29.0 (1.14)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

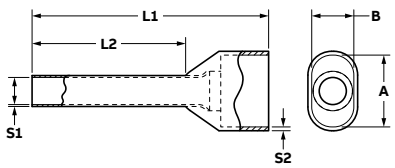
Polypropylene-insulated twin cord ends (ferrules) (continued)

Polypropylene-insulated twin cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Colour	Dimensions mm/(in) A	B	D1	L1	L2	S1	S2	Qty (pcs)	Crimping tool
2FER6012P-G	7TCA301140R0350	2 x 6.0	2 x 10		11.4 (0.45)	6.2 (0.24)	4.5 (0.18)	23.0 (0.91)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	ERG4/ 9000EX, NEST: 10
2FER6018P-G	7TCA301140R0352	2 x 6.0	2 x 10		11.4 (0.45)	6.2 (0.24)	4.5 (0.18)	29.0 (1.14)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER10012P-D	7TCA301140R0379	2 x 10	2 x 8		13.4 (0.53)	7.6 (0.30)	5.8 (0.23)	24.0 (0.94)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	ERG4/ 9000EX, NEST: 16
2FER10018P-D	7TCA301140R0380	2 x 10	2 x 8		13.4 (0.53)	7.6 (0.30)	5.8 (0.23)	30.0 (1.18)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER10012P-F	7TCA301140R0396	2 x 10	2 x 8		13.4 (0.53)	7.6 (0.30)	5.8 (0.23)	24.0 (0.94)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	
2FER10018P-F	7TCA301140R0404	2 x 10	2 x 8		13.4 (0.53)	7.6 (0.30)	5.8 (0.23)	30.0 (1.18)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER10012P-G	7TCA301140R0353	2 x 10	2 x 8		13.4 (0.53)	7.6 (0.30)	5.8 (0.23)	24.0 (0.94)	12.0 (0.47)	0.2 (0.01)	0.5 (0.02)	100	
2FER10018P-G	7TCA301140R0354	2 x 10	2 x 8		13.4 (0.53)	7.6 (0.30)	5.8 (0.23)	30.0 (1.18)	18.0 (0.71)	0.2 (0.01)	0.5 (0.02)	100	
2FER16016P-D	7TCA301140R0381	2 x 16	2 x 6		17.2 (0.68)	9.5 (0.37)	8.3 (0.33)	29.0 (1.14)	16.0 (0.63)	0.3 (0.01)	0.6 (0.02)	50	ERG4/ 9000EX, NEST: 35
2FER16025P-D	7TCA301140R0371	2 x 16	2 x 6		17.2 (0.68)	9.6 (0.38)	8.3 (0.33)	38.0 (1.50)	25.0 (0.98)	0.3 (0.01)	0.6 (0.02)	50	
2FER16016P-F	7TCA301140R0405	2 x 16	2 x 6		17.2 (0.68)	9.5 (0.37)	8.3 (0.33)	29.0 (1.14)	16.0 (0.63)	0.3 (0.01)	0.6 (0.02)	50	
2FER16025P-F	7TCA301140R0406	2 x 16	2 x 6		17.2 (0.68)	9.6 (0.38)	8.3 (0.33)	38.0 (1.50)	25.0 (0.98)	0.3 (0.01)	0.6 (0.02)	50	
2FER16016P-G	7TCA301140R0356	2 x 16	2 x 6		17.2 (0.68)	9.5 (0.37)	8.3 (0.33)	29.0 (1.14)	16.0 (0.63)	0.3 (0.01)	0.6 (0.02)	50	
2FER4018P-D	7TCA301140R0370	2 x 16	2 x 6		17.2 (0.68)	9.6 (0.38)	8.3 (0.33)	38.0 (1.50)	25.0 (0.98)	0.3 (0.01)	0.6 (0.02)	50	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Non-insulated cord ends (ferrules)

Technical information
- Terminal material: Copper
- Terminal surface treatment: Tin plated

Application
- Bare ferrules for copper conductors ranging in size from 0.14mm² to 240mm²

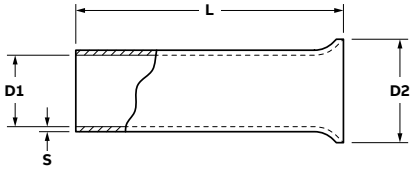
Conforms to:
- DIN: 46228-1 standard
- UL and CSA Standards (0.5mm² - 50mm²)

Non-insulated cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Dimensions mm/(in) D1	D2	L	S	Qty (pcs)	Crimping tool
FER01407UN	7TCA301050R0114	0.14	26	0.65 (0.03)	1.6 (0.06)	7.0 (0.28)	0.15 (0.01)	1000	FER9500, FER9501
FER0205UN	7TCA301050R0115	0.25	24	0.75 (0.03)	1.7 (0.07)	5.0 (0.20)	0.15 (0.01)	1000	ERG4/9000EX, FER9500, FER9501
FER0207UN	7TCA301050R0116	0.25	24	0.75 (0.03)	1.7 (0.07)	7.0 (0.28)	0.15 (0.01)	1000	
FER0305UN	7TCA301050R0117	0.34	22	0.65 (0.03)	1.8 (0.07)	5.0 (0.20)	0.15 (0.01)	1000	
FER0307UN	7TCA301050R0118	0.34	22	0.85 (0.03)	1.8 (0.07)	7.0 (0.28)	0.15 (0.01)	1000	
FER0506UN	7TCA301050R0119	0.5	20	0.85 (0.03)	2.1 (0.08)	6.0 (0.24)	0.15 (0.01)	1000	
FER0507UN	7TCA301050R0120	0.5	20	1.0 (0.04)	2.1 (0.08)	7.0 (0.28)	0.15 (0.01)	1000	
FER0508UN	7TCA301050R0121	0.5	20	1.0 (0.04)	2.1 (0.08)	8.0 (0.31)	0.15 (0.01)	1000	
FER0510UN	7TCA301050R0122	0.5	20	1.0 (0.04)	2.1 (0.08)	10.0 (0.39)	0.15 (0.01)	1000	
FER0512UN	7TCA301050R0123	0.5	20	1.0 (0.04)	2.1 (0.08)	12.0 (0.47)	0.15 (0.01)	1000	
FER7506UN	7TCA301050R0124	0.75	18	1.2 (0.05)	2.3 (0.09)	6.0 (0.24)	0.15 (0.01)	1000	
FER7508UN	7TCA301050R0125	0.75	18	1.2 (0.05)	2.3 (0.09)	8.0 (0.31)	0.15 (0.01)	1000	
FER7510UN	7TCA301050R0126	0.75	18	1.2 (0.05)	2.3 (0.09)	10.0 (0.39)	0.15 (0.01)	1000	
FER7512UN	7TCA301050R0127	0.75	18	1.2 (0.05)	2.3 (0.09)	12.0 (0.47)	0.15 (0.01)	1000	
FER7515UN	7TCA301050R0128	0.75	18	1.2 (0.05)	2.3 (0.09)	15.0 (0.59)	0.15 (0.01)	1000	
FER1006UN	7TCA301050R0129	1.0	18	1.4 (0.06)	2.5 (0.10)	6.0 (0.24)	0.15 (0.01)	1000	
FER1007UN	7TCA301050R0130	1.0	18	1.4 (0.06)	2.5 (0.10)	7.0 (0.28)	0.15 (0.01)	1000	
FER1008UN	7TCA301050R0131	1.0	18	1.4 (0.06)	2.5 (0.10)	8.0 (0.31)	0.15 (0.01)	1000	
FER1010UN	7TCA301050R0132	1.0	18	1.4 (0.06)	2.5 (0.10)	10.0 (0.39)	0.15 (0.01)	1000	
FER1012UN	7TCA301050R0133	1.0	18	1.4 (0.06)	2.5 (0.10)	12.0 (0.47)	0.15 (0.01)	1000	
FER1015UN	7TCA301050R0134	1.0	18	1.4 (0.06)	2.5 (0.10)	15.0 (0.59)	0.15 (0.01)	1000	
FER1506UN[1]	7TCA301050R0135	1.5	16	1.7 (0.07)	2.8 (0.11)	6.0 (0.24)	0.15 (0.01)	1000	
FER1507UN	7TCA301050R0136	1.5	16	1.7 (0.07)	2.8 (0.11)	7.0 (0.28)	0.15 (0.01)	1000	
FER1508UN	7TCA301050R0137	1.5	16	1.7 (0.07)	2.8 (0.11)	8.0 (0.31)	0.15 (0.01)	1000	
FER1510UN	7TCA301050R0138	1.5	16	1.7 (0.07)	2.8 (0.11)	10.0 (0.39)	0.15 (0.01)	1000	
FER1512UN	7TCA301050R0139	1.5	16	1.7 (0.07)	2.8 (0.11)	12.0 (0.47)	0.15 (0.01)	1000	
FER1515UN	7TCA301050R0140	1.5	16	1.7 (0.07)	2.8 (0.11)	15.0 (0.59)	0.15 (0.01)	1000	
FER1518UN	7TCA301050R0141	1.5	16	1.7 (0.07)	2.8 (0.11)	18.0 (0.71)	0.15 (0.01)	1000	
FER1520UN	7TCA301050R0142	1.5	16	1.7 (0.07)	2.8 (0.11)	20.0 (0.79)	0.15 (0.01)	1000	

1) Not UL/CSA
Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

Non-insulated cord ends (ferrules) (continued)

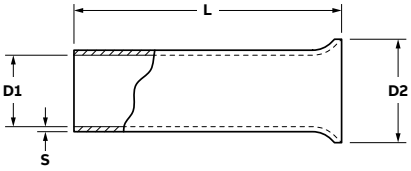
Covered Ferrule

Non-insulated cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Dimensions mm/(in) D1	D2	L	S	Qty (pcs)	Crimping tool
FER2507UN	7TCA301050R0143	2.5	14	2.2 (0.09)	3.4 (0.13)	7.0 (0.28)	0.15 (0.01)	1000	ERG4/9000EX, FER9500, FER9501
FER2508UN	7TCA301050R0144	2.5	14	2.2 (0.09)	3.4 (0.13)	8.0 (0.31)	0.15 (0.01)	1000	
FER2510UN	7TCA301050R0145	2.5	14	2.2 (0.09)	3.4 (0.13)	10.0 (0.39)	0.15 (0.01)	1000	
FER2512UN	7TCA301050R0146	2.5	14	2.2 (0.09)	3.4 (0.13)	12.0 (0.47)	0.15 (0.01)	1000	
FER2515UN	7TCA301050R0147	2.5	14	2.2 (0.09)	3.4 (0.13)	15.0 (0.59)	0.15 (0.01)	1000	
FER2518UN	7TCA301050R0148	2.5	14	2.2 (0.09)	3.4 (0.13)	18.0 (0.71)	0.15 (0.01)	1000	
FER2520UN	7TCA301050R0149	2.5	14	2.2 (0.09)	3.4 (0.13)	20.0 (0.79)	0.15 (0.01)	1000	
FER4009UN	7TCA301050R0150	4.0	12	2.8 (0.11)	4.0 (0.16)	9.0 (0.35)	0.2 (0.01)	500	
FER4010UN	7TCA301050R0151	4.0	12	2.8 (0.11)	4.0 (0.16)	10.0 (0.39)	0.2 (0.01)	1000	
FER4012UN	7TCA301050R0152	4.0	12	2.8 (0.11)	4.0 (0.16)	12.0 (0.47)	0.2 (0.01)	1000	
FER4015UN	7TCA301050R0153	4.0	12	2.8 (0.11)	4.0 (0.16)	15.0 (0.59)	0.2 (0.01)	500	
FER4018UN	7TCA301050R0154	4.0	12	2.8 (0.11)	4.0 (0.16)	18.0 (0.71)	0.2 (0.01)	500	
FER4020UN	7TCA301050R0155	4.0	12	2.8 (0.11)	4.0 (0.16)	20.0 (0.79)	0.2 (0.01)	500	
FER6010UN	7TCA301050R0156	6.0	10	3.5 (0.14)	4.7 (0.19)	10.0 (0.39)	0.2 (0.01)	500	
FER6012UN	7TCA301050R0157	6.0	10	3.5 (0.14)	4.7 (0.19)	12.0 (0.47)	0.2 (0.01)	500	
FER6015UN	7TCA301050R0158	6.0	10	3.5 (0.14)	4.7 (0.19)	15.0 (0.59)	0.2 (0.01)	500	
FER6018UN	7TCA301050R0159	6.0	10	3.5 (0.14)	4.7 (0.19)	18.0 (0.71)	0.2 (0.01)	500	
FER6020UN	7TCA301050R0160	6.0	10	3.5 (0.14)	4.7 (0.19)	20.0 (0.79)	0.2 (0.01)	500	
FER10012UN	7TCA301050R0161	10.0	8	4.5 (0.18)	5.8 (0.23)	12.0 (0.47)	0.2 (0.01)	500	
FER10015UN	7TCA301050R0162	10.0	8	4.5 (0.18)	5.8 (0.23)	15.0 (0.59)	0.2 (0.01)	500	
FER10018UN	7TCA301050R0163	10.0	8	4.5 (0.18)	5.8 (0.23)	18.0 (0.71)	0.2 (0.01)	500	
FER10020UN	7TCA301050R0164	10.0	8	4.5 (0.18)	5.8 (0.23)	20.0 (0.79)	0.2 (0.01)	500	
FER10025UN	7TCA301050R0165	10.0	8	4.5 (0.18)	5.8 (0.23)	25.0 (0.98)	0.2 (0.01)	500	
FER16012UN	7TCA301050R0166	16.0	6	5.8 (0.23)	7.5 (0.30)	12.0 (0.47)	0.2 (0.01)	500	ERG4/9000EX
FER16015UN	7TCA301050R0167	16.0	6	5.8 (0.23)	7.5 (0.30)	15.0 (0.59)	0.2 (0.01)	500	
FER16018UN	7TCA301050R0168	16.0	6	5.8 (0.23)	7.5 (0.30)	18.0 (0.71)	0.2 (0.01)	100	
FER16020UN	7TCA301050R0169	16.0	6	5.8 (0.23)	7.5 (0.30)	20.0 (0.79)	0.2 (0.01)	100	
FER16025UN	7TCA301050R0170	16.0	6	5.8 (0.23)	7.5 (0.30)	25.0 (0.98)	0.2 (0.01)	100	
FER16032UN[1]	7TCA301050R0171	16.0	6	5.8 (0.23)	7.5 (0.30)	32.0 (1.26)	0.2 (0.01)	100	
FER25012UN	7TCA301050R0172	25.0	4	7.3 (0.29)	9.5 (0.37)	12.0 (0.47)	0.2 (0.01)	250	
FER25015UN	7TCA301050R0173	25.0	4	7.3 (0.29)	9.5 (0.37)	15.0 (0.59)	0.2 (0.01)	250	
FER25018UN	7TCA301050R0174	25.0	4	7.3 (0.29)	9.5 (0.37)	18.0 (0.71)	0.2 (0.01)	100	
FER25025UN	7TCA301050R0175	25.0	4	7.3 (0.29)	9.5 (0.37)	25.0 (0.98)	0.2 (0.01)	250	
FER25032UN[1]	7TCA301050R0176	25.0	4	7.3 (0.29)	9.5 (0.37)	32.0 (1.26)	0.2 (0.01)	100	
FER35012UN	7TCA301050R0177	35.0	2	8.3 (0.33)	11.0 (0.43)	12.0 (0.47)	0.2 (0.01)	100	
FER35018UN	7TCA301050R0178	35.0	2	8.3 (0.33)	11.0 (0.43)	18.0 (0.71)	0.2 (0.01)	100	
FER35020UN	7TCA301050R0179	35.0	2	8.3 (0.33)	11.0 (0.43)	20.0 (0.79)	0.2 (0.01)	100	

1) Not UL/CSA
Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Spec-Kon® cord ends (ferrules)

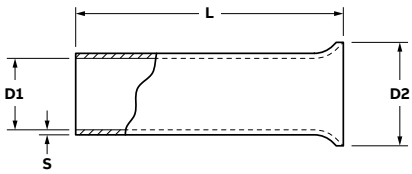
Non-insulated cord ends (ferrules) (continued)

Non-insulated cord ends (ferrules)

Product ref.	GID number	Wire size range (mm²)	AWG	Dimensions mm/(in) D1	D2	L	S	Qty (pcs)	Crimping tool
FER35022UN	7TCA301050R0180	35.0	2	8.3 (0.33)	11.0 (0.43)	22.0 (0.87)	0.2 (0.01)	100	ERG4/9000EX
FER35025UN	7TCA301050R0181	35.0	2	8.3 (0.33)	11.0 (0.43)	25.0 (0.98)	0.2 (0.01)	100	
FER35030UN	7TCA301050R0182	35.0	2	8.3 (0.33)	11.0 (0.43)	30.0 (1.18)	0.2 (0.01)	100	
FER35032UN	7TCA301050R0183	35.0	2	8.3 (0.33)	11.0 (0.43)	32.0 (1.26)	0.2 (0.01)	100	
FER50018UN	7TCA301050R0184	50.0	1	10.3 (0.41)	13.0 (0.51)	18.0 (0.71)	0.3 (0.01)	100	
FER50022UN	7TCA301050R0185	50.0	1	10.3 (0.41)	13.0 (0.51)	22.0 (0.87)	0.3 (0.01)	100	
FER50025UN	7TCA301050R0186	50.0	1	10.3 (0.41)	13.0 (0.51)	25.0 (0.98)	0.3 (0.01)	100	
FER50032UN	7TCA301050R0187	50.0	1	10.3 (0.41)	13.0 (0.51)	32.0 (1.26)	0.3 (0.01)	100	
FER70025UN	7TCA301050R0188	70.0	2	12.5 (0.49)	15.0 (0.59)	25.0 (0.98)	0.4 (0.02)	50	–
FER70032UN	7TCA301050R0189	70.0	2	12.5 (0.49)	15.0 (0.59)	32.0 (1.26)	0.4 (0.02)	50	
FER95025UN	7TCA301050R0190	95.0	3	14.5 (0.57)	17.0 (0.67)	25.0 (0.98)	0.4 (0.02)	50	
FER95030UN	7TCA301050R0191	95.0	3	14.5 (0.57)	17.0 (0.67)	30.0 (1.18)	0.4 (0.02)	50	
FER95032UN	7TCA301050R0192	95.0	3	14.5 (0.57)	17.0 (0.67)	32.0 (1.26)	0.4 (0.02)	50	
FER12032UN	7TCA301050R0193	120.0	250kcmil	16.5 (0.65)	19.0 (0.75)	32.0 (1.26)	0.5 (0.02)	25	
FER15032UN	7TCA301050R0194	150.0	300kcmil	18.5 (0.73)	21.0 (0.83)	32.0 (1.26)	0.5 (0.02)	25	
FER15038UN	7TCA301050R0195	150.0	300kcmil	18.5 (0.73)	21.0 (0.83)	38.0 (1.50)	0.5 (0.02)	25	
FER18532UN	7TCA301050R0196	185.0	350kcmil	20.0 (0.79)	23.5 (0.93)	32.0 (1.26)	0.5 (0.02)	25	
FER18540UN	7TCA301050R0197	185.0	350kcmil	20.0 (0.79)	23.5 (0.93)	40.0 (1.57)	0.5 (0.02)	25	
FER24040UN	7TCA301050R0198	240.0	500kcmil	22.8 (0.90)	25.8 (1.02)	40.0 (1.57)	0.5 (0.02)	25	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Dimensions



Tooling
Crimping tools

Product ref.: ERG9001
GID number: 7TCA131040R0019

Characteristics
- Ergonomic fixed die tool with 3 die nests
- For non-insulated terminals and disconnects from:
  - 0.5 to 1.5mm²
  - 1.5 to 2.5mm²
  - 4.0 to 6.0mm²
- Shure-Stake® mechanism to ensure a full compression every time
- Length: 265mm (10.43in)
- Weight: 600g

Product ref.: ERG9002
GID number: 7TCA131040R0020

Characteristics
- Ergonomic fixed die tool with 3 die nests
- For single crimp terminals from:
  - 0.5 to 1.5mm²
  - 1.5 to 2.5mm²
  - 4.0 to 6.0mm²
- Shure-Stake® mechanism to ensure a full compression every time
- Length: 265mm (10.43in)
- Weight: 600g

Product ref.: ERG9003
GID number: 7TCA131040R0021

Characteristics
- Ergonomic fixed die tool with 3 die nests
- For insulated disconnects and butt splices from:
  - 0.5 to 1.5mm²
  - 1.5 to 2.5mm²
  - 4.0 to 6.0mm²
- Shure-Stake® mechanism to ensure a full compression every time
- Length: 265mm (10.43in)
- Weight: 600g

Product ref.: ERG9004
GID number: 7TCA131040R0022

Characteristics
- Ergonomic fixed die tool with 3 die nests
- For double crimp terminals from:
  - 0.5 to 1.5mm²
  - 1.5 to 2.5mm²
  - 4.0 to 6.0mm²
- Shure-Stake® mechanism to ensure a full compression every time
- Length: 265mm (10.43in)
- • Weight: 600g

Product ref.: FER9500
GID number: 7TCA131040R0023

Characteristics
- Self-adjusting tool for square crimps
- Ergonomic design
- For ferrules from: 0.14 to 10.0mm²
- Shure-Stake® mechanism to ensure a full compression every time
- Length: 176mm (6.93in)
- Weight: 362g

Product ref.: FER9501
GID number: 7TCA131040R0024

Characteristics
- Self-adjusting tool for hex crimps
- Ergonomic design
- For ferrules from: 0.14 to 10.0mm²
- Shure-Stake® mechanism to ensure a full compression every time
- Length: 176mm (6.93in)
- Weight: 362g

Crimping tools

	Terminal	Disconnect	Splice
Non-Insulated	ERG 9001	ERG 9001	ERG 9001
Vinyl-Insulated Single Crimp	ERG 9002	-	ERG 9003
Vinyl-Insulated Double Crimp	ERG 9004	ERG 9003	-
Nylon-Insulated Double Crimp	ERG 9004	ERG9003	-

All non-insulated terminals, splices, and disconnects: ERG 9001
All insulated single crimp terminals: ERG 9002
All insulated double crimp terminals: ERG 9004
All insulated disconnects and splices: ERG 9003

Tooling
Crimping tools

Product ref.: ERG4
GID number: 7TAA131100R0000

Characteristics
- Crimp tool for installing wire ferrules #26-1/0 AWG
- Manual crimp tool
- Comfort crimp ergonomic design
- Shure-stake ratchet
- 4 individual die sets
- Length: 549.91mm (21.65in)
- Weight: 1.098kg

Color-Keyed® & Spec-Kon® Class B Lugs system

Solderless compression connectors for power cables

The better method to install solderless compression connectors on power cables. Designed to provide a tight degree of reliability in electrical wiring, this method allows electrical workers to make installations with little effort and considerable savings in time.

A simple installation method in just three steps

- First, the appropriate connector is chosen for the conductor size
- Next, the proper installing die is selected by matching the die color to the connector color
- Last, the die is installed in the tool, and the connector is compressed

Color-Keyed®: special lugs for special applications

ABB can solve your difficult wire bending and terminating problems in power distribution panels, switchgear and motor control enclosures.

- In addition to straight lugs, 45° and 90° angle lugs let you run the cable directly to a bus bar with no bending.
- One hole or two-hole configurations.
- Cross-sections from 6-400mm².
- All lugs meet the stringent requirements of IEC61238-1 Class A to deliver a high-level of performance and safety.

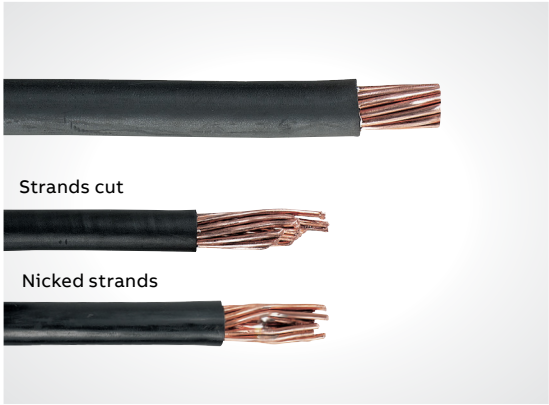
Color-Keyed® system
The ABB method is better

The ABB method of installing compression lugs on power cables is designed to provide a high degree of reliability in electrical wiring. This method allows electrical workers to make installations with little effort and at a considerable savings in time. The benefit, of course, is a high-quality connection at a low installed cost.

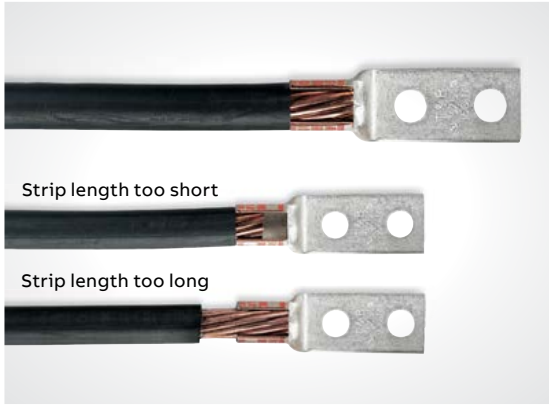
* Pictures and explanations are based on Color-Keyed® AWG product range. Tools, dies, lugs and markings may differ for each product range

Just four easy steps to a perfect connection!*

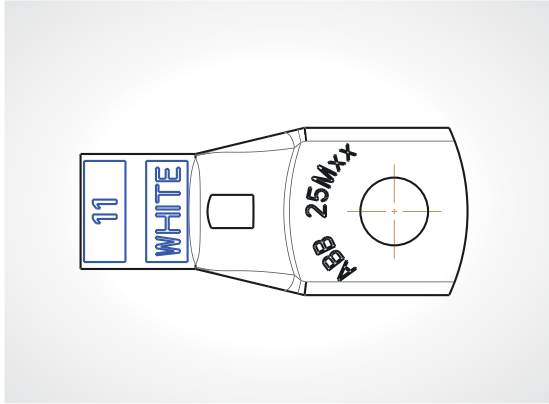
Step 1
Carefully strip the insulation on de-energized wires to avoid nicking or cutting conductors (wire brush if required).



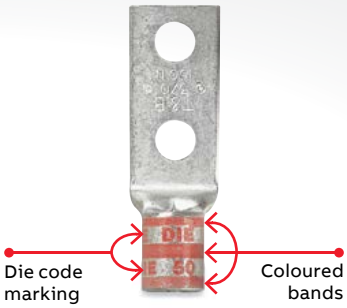
Strip the insulation to the proper length so that conductors can be fully inserted into the lug barrel.



Step 2
Determine the proper lug for the cable size being used. Lugs are marked to show cable size.



Step 3
Select the proper installing die and appropriate tool.



Die code engraving

Coloured Strip

Color-Keyed® Lugs have coloured bands or coloured dots that correspond to colour markings on the dies.

Lugs and dies also have a die code number marked or stamped on them. Dies have a code number engraved in the crimp surface.

Step 4
Locate tool with correct die in proper position on lug and activate tool.

Copper
Die located
BETWEEN bands

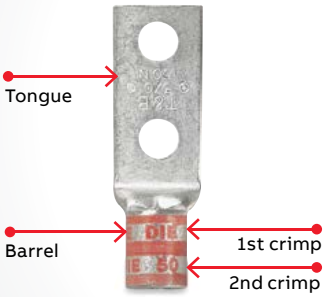
Aluminum
Die located
ON Bands

Color-Keyed® Lugs are banded by coloured stripes or engraving to indicate location of die on lug for compression.

When making multiple crimps, make the first crimp nearest the tongue and work towards the barrel end.

When properly crimped, the die code number will be embossed on the lug for easy inspection to determine if correct die and lug combination were used.

Die location for compression



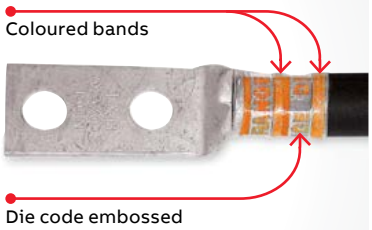


ABB uses full-width and half-width dies dependent on lug size and tool used. Half-width dies are marked with the letter “H” after the die code number.

Refer to the instruction sheet supplied with the lugs for information regarding strip length, die selection and number of compressions required.

HEX crimping technology
Precision dies form a solid homogenous mass

The ABB method utilizing compression tools with matching dies forms the lug and conductor into a solid, homogenous mass to provide an optimum electrical bond between lug and conductor.

—
01 Before compression, a typical cross section of cable and lug consists of about 75% metal and 25% air.
—
02 After air compression by the ABB Method, the cross section looks like this, nearly 100% metal with virtually no air spaces.

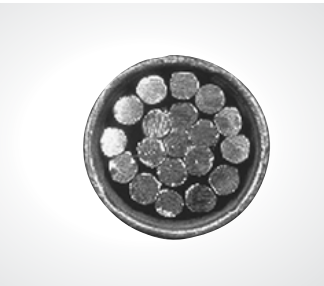
ABB method* dies are designed to produce a circum-ferential, hex- or diamond-shaped compression rather than a simple indent. Precision dies are an integral part of the ABB method. The precision hardened steel dies exert tremendous, controlled pressure on the lug and conductor. The dies compress the lug around the cable, converting the round strands to hexagonal or diamond shapes and forming the strands and lug into a solid mass. Each die is designed so that all conductors receive the same amount of compression force.

The circumferential compression creates a large area of high-pressure contact between cable and lug which, in turn, assures high conductivity, low resistance, and high pullout values which exceed UL/IEC/CE requirements. These features result in a permanent, low installed cost connection. You can install it, and forget it.

The ABB system tells you where to place the installing die.
Color-Keyed® lugs not only identify the correct installing die to be used for positive compressions, but also indicate the proper placement of the die on the lug. This is done by the bands of colour on the lug which match the colour on the dies. Compression is made between or on these colour bands. The colour name is also spelled on the lug as an added means of identification.

Dies that are used in ABB hand and hydraulic tools contain the “die code” numbers which are engraved on the compression surface of the die. Under compression, this number becomes embossed on the completed connection for inspection purposes.

The inspector compares the die code number embossed on the lug with the die table to ensure that the proper lug was compressed with the correct die for that particular size conductor.



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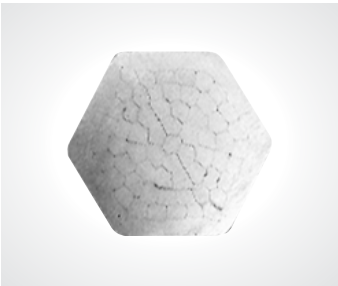

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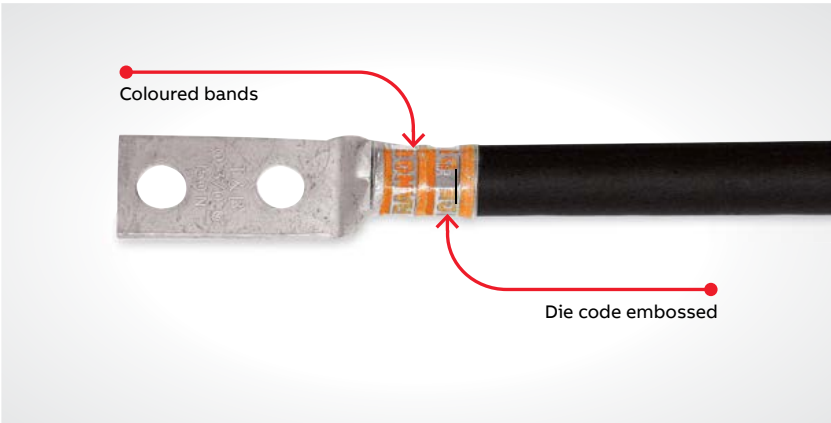


Color-Keyed® lugs & Color-Keyed® dies selector

Quick guide

Color-Keyed® lugs - Quick guide

Type		Standard barrel	Wire sizes (mm²) 6	10	16	25	35	50	70	95	120	150	185	240	300	400
One hole	Straight		x	x	x	x	x	x	x	x	x	x	x	x	x	x
	45 degrees		x	x	x	x	x	x	x	x	x	x	x	x		
	90 degrees		x	x	x	x	x	x	x	x	x	x	x	x		
Two holes	Straight					x	x	x	x	x	x	x	x	x	x	

IEC CE CK ②-⑤ 60288

Color-Keyed® dies selector - Quick guide

Conductor size (mm²)	Lug part number	Color-Keyed® H-C6 240 B-IC6 240 T-C6 240	H-CK 400 B-CK 400 T-CK 400
6	6Mx-A	6TC06M	
10	10Mx-A	6TC08M	15508M
16	16Mx-A	6TC09M	15509M
25	25Mx-A	6TC11M	15511M
35	35Mx-A	6TC13M	15513M
50	50Mx-A	6TC145M	155145M
70	70Mx-A	6TC17M	15517M
95	95Mx-A	6TC20M	15520M
120	120Mx-A	6TC22M	15522M
150	150Mx-A	6TC25M	15525M
185	185Mx-A	6TC27M	15527M
240	240Mx-A	6TC30M	15530M
300	300Mx-A		15532M
400	400Mx-A		15536M

* For other tools compatibility, please contact your ABB local contact or check our website for your local contact number
http://new.abb.com/low-voltage/products/connectivity-grounding

Color-Keyed® lugs

One hole straight

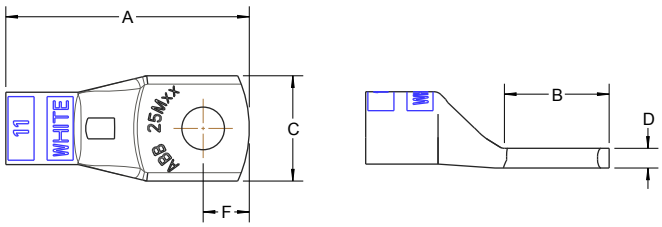
Technical information

- Material: High conductivity copper
- Plating: Electro-tin plated
- Metal Barrel: Copper tube
- Voltage: 600V to 35kV
- Marking: Colour reference for die, cable size and stud hole size

One hole straight

Product ref.	GID number	Cable size (mm²)	Stud hole size	Pack size	Colour	Die code	Dimensions mm/(in) A	B	C	D	F
6M4-A	7TAA302010R0054	6	M4	50		6	24.3 (0.96)	11.0 (0.43)	9.4 (0.37)	1.7 (0.07)	5.0 (0.20)
6M5-A	7TAA302010R0057	6	M5	50		6	25.3 (1.00)	12.0 (0.47)	9.4 (0.37)	1.7 (0.07)	5.5 (0.22)
6M6-A	7TAA302010R0058	6	M6	50		6	26.3 (1.04)	13.0 (0.51)	9.8 (0.39)	1.6 (0.06)	6.0 (0.24)
6M8-A	7TAA302010R0055	6	M8	50		6	29.3 (1.15)	16.0 (0.63)	13.0 (0.51)	1.2 (0.05)	7.0 (0.28)
6M10-A	7TAA302010R0056	6	M10	50		6	31.3 (1.23)	18.0 (0.71)	16.0 (0.63)	1.0 (0.04)	8.0 (0.31)
10M5-A	7TAA302010R0000	10	M5	50		8	29.9 (1.18)	13.0 (0.51)	11.5 (0.45)	3.0 (0.12)	6.0 (0.24)
10M6-A	7TAA302010R0001	10	M6	50		8	29.9 (1.18)	13.0 (0.51)	11.5 (0.45)	3.0 (0.12)	6.0 (0.24)
10M8-A	7TAA302010R0002	10	M8	50		8	32.9 (1.30)	16.0 (0.63)	13.5 (0.53)	2.2 (0.09)	7.0 (0.28)
10M10-A	7TAA302010R0003	10	M10	50		8	34.9 (1.37)	18.1 (0.71)	16.0 (0.63)	2.2 (0.09)	8.0 (0.31)
16M6-A	7TAA302010R0004	16	M6	50		9	33.0 (1.30)	16.0 (0.63)	13.0 (0.51)	3.0 (0.12)	7.0 (0.28)
16M8-A	7TAA302010R0005	16	M8	50		9	33.0 (1.30)	16.0 (0.63)	13.0 (0.51)	3.0 (0.12)	7.0 (0.28)
16M10-A	7TAA302010R0006	16	M10	50		9	38.0 (1.50)	22.0 (0.87)	16.0 (0.63)	2.3 (0.09)	10.0 (0.39)
16M12-A	7TAA302010R0007	16	M12	50		9	47.0 (1.85)	25.0 (0.98)	22.0 (0.87)	2.3 (0.09)	12.0 (0.47)
25M6-A	7TAA302010R0008	25	M6	50		11	37.0 (1.46)	17.0 (0.67)	16.0 (0.63)	3.0 (0.12)	7.0 (0.28)
25M8-A	7TAA302010R0009	25	M8	50		11	38.0 (1.50)	18.0 (0.71)	16.0 (0.63)	3.0 (0.12)	8.0 (0.31)
25M10-A	7TAA302010R0010	25	M10	50		11	42.0 (1.65)	22.0 (0.87)	17.0 (0.67)	2.7 (0.11)	10.0 (0.39)
25M12-A	7TAA302010R0011	25	M12	50		11	47.0 (1.85)	25.0 (0.98)	22.0 (0.87)	2.7 (0.11)	12.0 (0.47)
35M6-A	7TAA302010R0012	35	M6	10		13	44.8 (1.76)	20.0 (0.79)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
35M8-A	7TAA302010R0013	35	M8	10		13	44.8 (1.76)	20.0 (0.79)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
35M10-A	7TAA302010R0014	35	M10	10		13	45.8 (1.80)	21.0 (0.83)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
35M12-A	7TAA302010R0015	35	M12	10		13	52.0 (2.05)	26.0 (1.02)	22.0 (0.87)	3.7 (0.15)	12.0 (0.47)
50M6-A	7TAA302010R0016	50	M6	10		14.5	50.2 (1.98)	23.0 (0.91)	21.0 (0.83)	3.5 (0.14)	11.0 (0.43)
50M8-A	7TAA302010R0017	50	M8	10		14.5	50.2 (1.98)	23.0 (0.91)	21.0 (0.83)	3.5 (0.14)	11.0 (0.43)
50M10-A	7TAA302010R0018	50	M10	10		14.5	50.2 (1.98)	23.0 (0.91)	21.0 (0.83)	3.5 (0.14)	11.0 (0.43)
50M12-A	7TAA302010R0019	50	M12	10		14.5	53.2 (2.09)	26.0 (1.02)	22.0 (0.87)	3.0 (0.12)	12.0 (0.47)

Dimensions



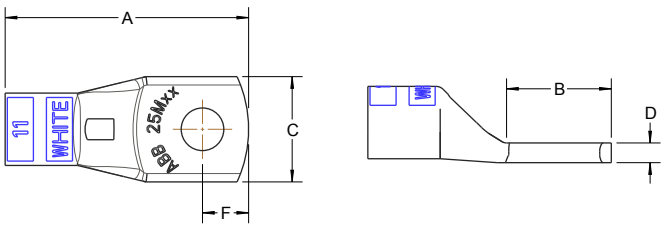
Color-Keyed® lugs

One hole straight

One hole straight (continued)

Product ref.	GID number	Cable size (mm²)	Stud hole size	Pack size	Colour	Die code	Dimensions mm/(in) A	B	C	D	F
70M6-A	7TAA302010R0020	70	M6	10		17	55.0 (2.17)	23.0 (0.91)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)
70M8-A	7TAA302010R0021	70	M8	10		17	55.0 (2.17)	23.0 (0.91)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)
70M10-A	7TAA302010R0022	70	M10	10		17	55.0 (2.17)	23.0 (0.91)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)
70M12-A	7TAA302010R0023	70	M12	10		17	58.0 (2.28)	26.0 (1.02)	25.0 (0.98)	4.0 (0.16)	12.0 (0.47)
70M16-A	7TAA302010R0024	70	M16	10		17	64.0 (2.52)	32.0 (1.26)	28.0 (1.10)	3.7 (0.15)	15.0 (0.59)
95M8-A	7TAA302010R0025	95	M8	10		20	69.0 (2.72)	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
95M10-A	7TAA302010R0026	95	M10	10		20	69.0 (2.72)	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
95M12-A	7TAA302010R0027	95	M12	10		20	69.0 (2.72)	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
95M16-A	7TAA302010R0028	95	M16	10		20	69.0 (2.72)	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
120M8-A	7TAA302010R0029	120	M8	10		22	73.0 (2.87)	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
120M10-A	7TAA302010R0030	120	M10	10		22	73.0 (2.87)	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
120M12-A	7TAA302010R0031	120	M12	10		22	73.0 (2.87)	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
120M16-A	7TAA302010R0032	120	M16	10		22	73.0 (2.87)	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
150M10-A	7TAA302010R0033	150	M10	10		25	80.0 (3.15)	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
150M12-A	7TAA302010R0034	150	M12	10		25	80.0 (3.15)	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
150M16-A	7TAA302010R0035	150	M16	10		25	80.0 (3.15)	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
150M20-A	7TAA302010R0036	150	M20	10		25	87.0 (3.43)	39.0 (1.54)	36.0 (1.42)	6.0 (0.24)	19.0 (0.75)
185M10-A	7TAA302010R0037	185	M10	6		27	86.0 (3.39)	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
185M12-A	7TAA302010R0038	185	M12	6		27	86.0 (3.39)	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
185M16-A	7TAA302010R0039	185	M16	6		27	86.0 (3.39)	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
185M20-A	7TAA302010R0040	185	M20	6		27	93.0 (3.66)	39.0 (1.54)	39.0 (1.54)	6.0 (0.24)	19.0 (0.75)
240M10-A	7TAA302010R0041	240	M10	6		30	95.0 (3.74)	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
240M12-A	7TAA302010R0042	240	M12	6		30	95.0 (3.74)	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
240M16-A	7TAA302010R0043	240	M16	6		30	95.0 (3.74)	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
240M20-A	7TAA302010R0044	240	M20	6		30	95.0 (3.74)	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
300M10-A	7TAA302010R0045	300	M10	6		32	115.0 (4.53)	53.0 (2.09)	48.0 (1.89)	6.0 (0.24)	22.0 (0.87)
300M12-A	7TAA302010R0046	300	M12	6		32	115.0 (4.53)	53.0 (2.09)	48.0 (1.89)	6.0 (0.24)	22.0 (0.87)
300M16-A	7TAA302010R0047	300	M16	6		32	115.0 (4.53)	53.0 (2.09)	48.0 (1.89)	6.0 (0.24)	22.0 (0.87)
300M20-A	7TAA302010R0048	300	M20	6		32	115.0 (4.53)	53.0 (2.09)	48.0 (1.89)	6.0 (0.24)	22.0 (0.87)
300M24-A	7TAA302010R0049	300	M24	6		32	115.0 (4.53)	53.0 (2.09)	48.0 (1.89)	6.0 (0.24)	22.0 (0.87)
400M12-A	7TAA302010R0050	400	M12	3		36	124.0 (4.88)	53.0 (2.09)	51.1 (2.01)	6.8 (0.27)	22.0 (0.87)
400M16-A	7TAA302010R0051	400	M16	3		36	124.0 (4.88)	53.0 (2.09)	51.1 (2.01)	6.8 (0.27)	22.0 (0.87)
400M20-A	7TAA302010R0052	400	M20	3		36	124.0 (4.88)	53.0 (2.09)	51.1 (2.01)	6.8 (0.27)	22.0 (0.87)
400M24-A	7TAA302010R0053	400	M24	3		36	124.0 (4.88)	53.0 (2.09)	51.1 (2.01)	6.8 (0.27)	22.0 (0.87)

Dimensions



Color-Keyed® lugs

Two hole straight

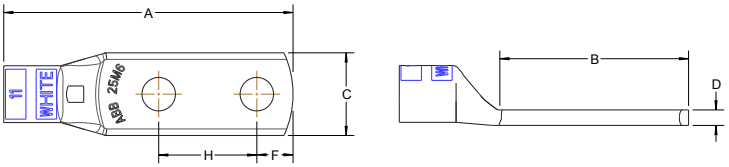
Technical information

- Material: High conductivity copper
- Plating: Electro-tin plated
- Metal Barrel: Copper tube
- Voltage: 600V to 35kV
- Marking: Colour reference for die, cable size and stud hole size

Two hole straight

Product ref.	GID number	Cable size (mm²)	Stud hole size	Pack size	Colour	Die code	Dimensions mm/(in) A	B	C	D	F	H
25M6-A-2	7TAA302020R0000	25	M6	50		11	56.0 (2.20)	38.0 (1.50)	16.0 (0.63)	3.0 (0.12)	7.0 (0.28)	19.0 (0.75)
25M8-A-2	7TAA302020R0001	25	M8	50		11	66.0 (2.60)	48.0 (1.89)	16.0 (0.63)	3.0 (0.12)	10.0 (0.39)	25.0 (0.98)
35M6-A-2	7TAA302020R0002	35	M6	10		13	61.6 (2.43)	38.0 (1.50)	18.0 (0.71)	4.2 (0.17)	7.0 (0.28)	19.0 (0.75)
35M8-A-2	7TAA302020R0003	35	M8	10		13	71.7 (2.82)	48.0 (1.89)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)	25.0 (0.98)
50M10-A-2	7TAA302020R0004	50	M10	10		14.5	73.7 (2.90)	46.9 (1.85)	21.0 (0.83)	3.5 (0.14)	8.9 (0.35)	25.0 (0.98)
50M12-A-2	7TAA302020R0005	50	M12	10		14.5	96.7 (3.81)	70.0 (2.76)	22.0 (0.87)	3.5 (0.14)	15.0 (0.59)	40.0 (1.57)
70M10-A-2	7TAA302020R0006	70	M10	10		17	80.6 (3.17)	49.0 (1.93)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)	25.0 (0.98)
70M12-A-2	7TAA302020R0007	70	M12	10		17	101.7 (4.00)	70.0 (2.76)	25.0 (0.98)	4.0 (0.16)	15.0 (0.59)	40.0 (1.57)
95M10-A-2	7TAA302020R0008	95	M10	10		20	90.0 (3.54)	53.0 (2.09)	29.0 (1.14)	5.0 (0.20)	11.0 (0.43)	25.0 (0.98)
95M12-A-2	7TAA302020R0009	95	M12	10		20	110.0 (4.33)	73.0 (2.87)	40.0 (1.57)	5.0 (0.20)	15.0 (0.59)	40.0 (1.57)
120M10-A-2	7TAA302020R0010	120	M10	10		22	98.0 (3.86)	57.0 (2.24)	32.0 (1.26)	5.0 (0.20)	14.0 (0.55)	25.0 (0.98)
120M12-A-2	7TAA302020R0011	120	M12	10		22	104.0 (4.09)	63.0 (2.48)	32.0 (1.26)	5.0 (0.20)	14.0 (0.55)	32.0 (1.26)
150M10-A-2	7TAA302020R0012	150	M10	10		25	102.6 (4.04)	55.0 (2.17)	36.0 (1.42)	6.0 (0.24)	11.0 (0.43)	25.0 (0.98)
150M12-A-2	7TAA302020R0013	150	M12	10		25	120.7 (4.75)	73.0 (2.87)	36.0 (1.42)	6.0 (0.24)	14.0 (0.55)	40.0 (1.57)
185M10-A-2	7TAA302020R0014	185	M10	6		27	111.0 (4.37)	57.0 (2.24)	39.0 (1.54)	6.0 (0.24)	13.0 (0.51)	25.0 (0.98)
185M12-A-2	7TAA302020R0015	185	M12	6		27	128.6 (5.06)	75.0 (2.95)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)	40.0 (1.57)
240M10-A-2	7TAA302020R0016	240	M10	6		30	115.0 (4.53)	59.0 (2.32)	44.0 (1.73)	6.0 (0.24)	12.0 (0.47)	25.0 (0.98)
240M12-A-2	7TAA302020R0017	240	M12	6		30	130.0 (5.12)	74.3 (2.93)	44.0 (1.73)	6.0 (0.24)	13.0 (0.51)	40.0 (1.57)
300M10-A-2	7TAA302020R0019	300	M10	6		32	119.0 (4.69)	57.0 (2.24)	48.0 (1.89)	6.0 (0.24)	12.0 (0.47)	25.0 (0.98)
300M12-A-2	7TAA302020R0018	300	M12	6		32	137.1 (5.40)	75.0 (2.95)	48.0 (1.89)	6.0 (0.24)	15.0 (0.59)	40.0 (1.57)

Dimensions



Color-Keyed® lugs

45° Bend

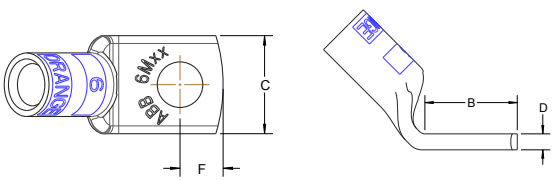
Technical information

- Material: High conductivity copper
- Plating: Electro-tin plated
- Metal Barrel: Copper tube
- Voltage: 600V to 35kV
- Marking: Colour reference for die, cable size and stud hole size

45° Bend

Product ref..	GID number	Cable size (mm²)	Stud hole size	Pack size	Colour	Die code	Dimensions mm/(in) B	C	D	F
6M6-A-45	7TAA302030R0031	6	M6	100		6	13.0 (0.51)	9.8 (0.39)	1.6 (0.06)	6.0 (0.24)
6M8-A-45	7TAA302030R0032	6	M8	100		6	16.0 (0.63)	13.0 (0.51)	1.2 (0.05)	7.0 (0.28)
10M6-A-45	7TAA302030R0004	10	M6	50		8	13.0 (0.51)	11.5 (0.45)	3.0 (0.12)	6.0 (0.24)
10M8-A-45	7TAA302030R0005	10	M8	50		8	16.0 (0.63)	13.5 (0.53)	2.2 (0.09)	7.0 (0.28)
16M6-A-45	7TAA302030R0006	16	M6	50		9	16.0 (0.63)	13.0 (0.51)	3.0 (0.12)	7.0 (0.28)
16M8-A-45	7TAA302030R0007	16	M8	50		9	16.0 (0.63)	13.0 (0.51)	3.0 (0.12)	7.0 (0.28)
25M10-A-45	7TAA302030R0010	25	M10	50		11	17.0 (0.67)	16.0 (0.63)	3.0 (0.12)	7.0 (0.28)
25M6-A-45	7TAA302030R0008	25	M6	50		11	18.0 (0.71)	16.0 (0.63)	3.0 (0.12)	8.0 (0.31)
25M8-A-45	7TAA302030R0009	25	M8	50		11	22.0 (0.87)	17.0 (0.67)	2.7 (0.11)	10.0 (0.39)
35M10-A-45	7TAA302030R0013	35	M10	10		13	20.0 (0.79)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
35M6-A-45	7TAA302030R0011	35	M6	10		13	20.0 (0.79)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
35M8-A-45	7TAA302030R0012	35	M8	10		13	21.0 (0.83)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
50M10-A-45	7TAA302030R0014	50	M10	10		14.5	23.0 (0.91)	21.0 (0.83)	3.5 (0.14)	11.0 (0.43)
50M12-A-45	7TAA302030R0000	50	M12	10		14.5	23.0 (0.91)	21.0 (0.83)	3.5 (0.14)	11.0 (0.43)
50M8-A-45	7TAA302030R0015	50	M8	10		14.5	26.0 (1.02)	22.0 (0.87)	3.0 (0.12	12.0 (0.47)
70M10-A-45	7TAA302030R0027	70	M10	10		17	23.0 (0.91)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)
70M12-A-45	7TAA302030R0016	70	M12	10		17	23.0 (0.91)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)
70M8-A-45	7TAA302030R0026	70	M8	10		17	26.0 (1.02)	25.0 (0.98)	4.0 (0.16)	12.0 (0.47)
95M10-A-45	7TAA302030R0001	95	M10	10		20	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
95M12-A-45	7TAA302030R0002	95	M12	10		20	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
95M16-A-45	7TAA302030R0003	95	M16	10		20	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
120M10-A-45	7TAA302030R0017	120	M10	10		22	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
120M12-A-45	7TAA302030R0018	120	M12	10		22	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
120M16-A-45	7TAA302030R0019	120	M16	10		22	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
150M10-A-45	7TAA302030R0020	150	M10	10		25	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
150M12-A-45	7TAA302030R0021	150	M12	10		25	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
150M16-A-45	7TAA302030R0022	150	M16	10		25	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
185M10-A-45	7TAA302030R0023	185	M10	6		27	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
185M12-A-45	7TAA302030R0024	185	M12	6		27	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
185M16-A-45	7TAA302030R0025	185	M16	6		27	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
240M10-A-45	7TAA302030R0028	240	M10	6		30	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
240M12-A-45	7TAA302030R0029	240	M12	6		30	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
240M16-A-45	7TAA302030R0030	240	M16	6		30	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)

Dimensions



Color-Keyed® lugs

90° Bend

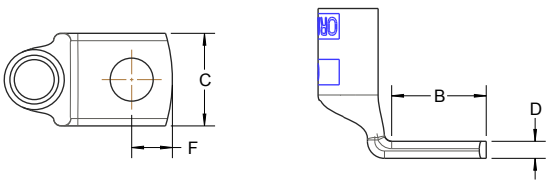
Technical information

- Material: High conductivity copper
- Plating: Electro-tin plated
- Metal Barrel: Copper tube
- Voltage: 600V to 35kV
- Marking: Colour reference for die, cable size and stud hole size

90° Bend

Product ref..	GID number	Cable size (mm²)	Stud hole size	Pack size	Colour	Die code	Dimensions mm/(in) B	C	D	F
6M6-A-90	7TAA302040R0000	6	M6	100		8	13.0 (0.51)	9.8 (0.39)	1.6 (0.06)	6.0 (0.24)
6M8-A-90	7TAA302040R0001	6	M8	100		8	16.0 (0.63)	13.0 (0.51)	1.2 (0.05)	7.0 (0.28)
10M6-A-90	7TAA302040R0000	10	M6	50		8	13.0 (0.51)	11.5 (0.45)	3.0 (0.12)	6.0 (0.24)
10M8-A-90	7TAA302040R0001	10	M8	50		8	16.0 (0.63)	13.5 (0.53)	2.2 (0.09)	7.0 (0.28)
16M6-A-90	7TAA302040R0002	16	M6	50		9	16.0 (0.63)	13.0 (0.51)	3.0 (0.12)	7.0 (0.28)
16M8-A-90	7TAA302040R0003	16	M8	50		9	16.0 (0.63)	13.0 (0.51)	3.0 (0.12)	7.0 (0.28)
25M10-A-90	7TAA302040R0006	25	M10	50		11	17.0 (0.67)	16.0 (0.63)	3.0 (0.12)	7.0 (0.28)
25M6-A-90	7TAA302040R0004	25	M6	50		11	18.0 (0.71)	16.0 (0.63)	3.0 (0.12)	8.0 (0.31)
25M8-A-90	7TAA302040R0005	25	M8	50		11	22.0 (0.87)	17.0 (0.67)	2.7 (0.11)	10.0 (0.39)
35M10-A-90	7TAA302040R0009	35	M10	10		13	20.0 (0.79)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
35M6-A-90	7TAA302040R0007	35	M6	10		13	20.0 (0.79)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
35M8-A-90	7TAA302040R0008	35	M8	10		13	21.0 (0.83)	18.0 (0.71)	4.2 (0.17)	10.0 (0.39)
50M10-A-90	7TAA302040R0011	50	M10	10		14.5	23.0 (0.91)	21.0 (0.83)	3.5 (0.14)	11.0 (0.43)
50M12-A-90	7TAA302040R0030	50	M12	10		14.5	23.0 (0.91)	21.0 (0.83)	3.5 (0.14)	11.0 (0.43)
50M8-A-90	7TAA302040R0010	50	M8	10		14.5	26.0 (1.02)	22.0 (0.87)	3.0 (0.12)	12.0 (0.47)
70M10-A-90	7TAA302040R0013	70	M10	10		17	23.0 (0.91)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)
70M12-A-90	7TAA302040R0026	70	M12	10		17	23.0 (0.91)	25.0 (0.98)	4.0 (0.16)	11.0 (0.43)
70M8-A-90	7TAA302040R0012	70	M8	10		17	26.0 (1.02)	25.0 (0.98)	4.0 (0.16)	12.0 (0.47)
95M10-A-90	7TAA302040R0014	95	M10	10		20	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
95M12-A-90	7TAA302040R0015	95	M12	10		20	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
95M16-A-90	7TAA302040R0016	95	M16	10		20	32.0 (1.26)	29.0 (1.14)	5.0 (0.20)	15.0 (0.59)
120M10-A-90	7TAA302040R0017	120	M10	10		22	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
120M12-A-90	7TAA302040R0018	120	M12	10		22	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
120M16-A-90	7TAA302040R0019	120	M16	10		22	32.0 (1.26)	32.0 (1.26)	5.0 (0.20)	15.0 (0.59)
150M10-A-90	7TAA302040R0020	150	M10	10		25	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
150M12-A-90	7TAA302040R0021	150	M12	10		25	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
150M16-A-90	7TAA302040R0022	150	M16	10		25	32.0 (1.26)	36.0 (1.42)	6.0 (0.24)	15.0 (0.59)
185M10-A-90	7TAA302040R0027	185	M10	6		27	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
185M12-A-90	7TAA302040R0028	185	M12	6		27	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
185M16-A-90	7TAA302040R0029	185	M16	6		27	32.0 (1.26)	39.0 (1.54)	6.0 (0.24)	15.0 (0.59)
240M10-A-90	7TAA302040R0023	240	M10	6		30	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
240M12-A-90	7TAA302040R0024	240	M12	6		30	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)
240M16-A-90	7TAA302040R0025	240	M16	6		30	39.0 (1.54)	44.0 (1.73)	6.0 (0.24)	19.0 (0.75)

Dimensions



Spec-Kon® lugs & Spec-Kon® dies selector

Quick guide

Spec-Kon® lugs - Quick guide

Type		Standard barrel	Long barrel	Wire sizes (mm²) 6	10	16	25	35	50	70	95	120	150	185	240	300	400
One hole	Straight			x	x	x	x	x	x	x	x	x	x	x	x	x	x
	45 degrees			x	x	x	x	x	x	x	x	x	x	x	x	x	x
	90 degrees			x	x	x	x	x	x	x	x	x	x	x	x	x	x
	Narrow tongue straight			x	x	x	x	x	x	x	x	x	x	x	x	x	
Two holes	Straight						x	x	x	x	x	x	x	x	x	x	x
	Butt slice			x	x	x	x	x	x	x	x	x	x	x	x	x	x

IEC CE ②-⑤ 60288

Spec-Kon® dies selector - Quick guide

Conductor size (mm²)	Color-Keyed® Lug part number	H-C6 240 B-IC6 240 T-C6 240	H-CK 400 B-CK 400 T-CK 400
6	6Mx	6TC06M	
10	10Mx	6TC07M	15507M
16	16Mx	6TC075M	155075M
25	25Mx	6TC085M	155085M
35	35Mx	6TC11M	15511M
50	50Mx	6TC12M	15512M
70	70Mx	6TC145M	155145M
95	95Mx	6TC15M	15515M
120	120Mx	6TC18M	15518M
150	150Mx	6TC21M	15521M
185	185Mx	6TC23M	15523M
240	240Mx		15526M
300	300Mx		15529M
400	400Mx		15536M

* For other tools compatibility, please contact your ABB local contact or check our website for your local contact number
http://new.abb.com/low-voltage/products/connectivity-grounding

Spec-Kon® lugs

Copper/Straight – one hole type

Technical information

Application

- Copper tin plated Metric Compression Lug for power cables for rated voltage up to 36kV. From 6 to 400mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- Straight – one hole lug with die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

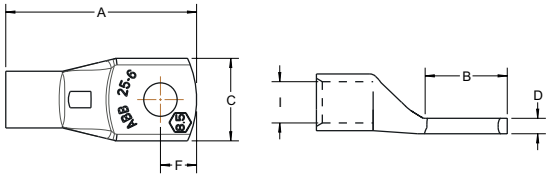
Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/Straight – one hole type

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) I	A	B	C	D	F	PCs per box
6	M5	6M5	7TCA302310R0017	6	6TC06M		3.8 (0.15)	28.2 (1.11)	14.0 (0.55)	10.0 (0.39)	1.2 (0.05)	6.2 (0.24)	100
	M6	6M6	7TCA302310R0000					28.2 (1.11)	14.0 (0.55)	10.8 (0.43)	1.2 (0.05)	6.2 (0.24)	
	M8	6M8	7TCA302310R0001					32.0 (1.26)	16.0 (0.63)	13.0 (0.51)	1.0 (0.04)	8.0 (0.31)	
10	M5	10M5	7TCA302310R0002	7	6TC07M	15507M	4.5 (0.18)	32.3 (1.27)	15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	100
	M6	10M6	7TCA302310R0003					32.3 (1.27)	15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	
	M8	10M8	7TCA302310R0004					32.3 (1.27)	16.5 (0.65)	13.0 (0.51)	1.1 (0.04)	8.0 (0.31)	
	M10	10M10	7TCA302310R0005				4.4 (0.17)	32.3 (1.27)	16.5 (0.65)	14.5 (0.57)	1.7 (0.07)	8.0 (0.31)	
16	M5	16M5	7TCA302310R0006	7,5	6TC075M	155075M	6.0 (0.24)	35.7 (1.41)	16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	100
	M6	16M6	7TCA302310R0007					35.7 (1.41)	16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	
	M8	16M8	7TCA302310R0008					35.7 (1.41)	16.8 (0.66)	13.0 (0.51)	1.2 (0.05)	6.5 (0.26)	
	M10	16M10	7TCA302310R0009					37.9 (1.49)	18.2 (0.72)	15.0 (0.59)	1.1 (0.04)	8.0 (0.31)	
25	M6	25M6	7TCA302310R0010	8,5	6TC085M	155085M	7.3 (0.29)	40.0 (1.57)	18.0 (0.71)	14.0 (0.55)	1.6 (0.06)	8.0 (0.31)	100
	M8	25M8	7TCA302310R0011					40.0 (1.57)	18.0 (0.71)	15.5 (0.61)	1.6 (0.06)	8.0 (0.31)	
	M10	25M10	7TCA302310R0012					40.0 (1.57)	18.0 (0.71)	15.5 (0.61)	1.5 (0.06)	8.0 (0.31)	
35	M6	35M6	7TCA302310R0013	11	6TC11M	15511M	8.9 (0.35)	44.0 (1.73)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	100
	M8	35M8	7TCA302310R0014					44.0 (1.73)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M10	35M10	7TCA302310R0015					44.0 (1.73)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M12	35M12	7TCA302310R0016					49.5 (1.95)	25.0 (0.98)	21.5 (0.85)	1.5 (0.06)	11.5 (0.45)	
50	M6	50M6	7TCA302320R0000	12	6TC12M	15512M	9.8 (0.39)	49.0 (1.93)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	50
	M8	50M8	7TCA302320R0001					49.0 (1.93)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M10	50M10	7TCA302320R0002					49.0 (1.93)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M12	50M12	7TCA302320R0003					52.5 (2.07)	25.0 (0.98)	23.0 (0.91)	1.8 (0.07)	11.0 (0.43)	
70	M6	70M6	7TCA302320R0004	14,5	6TC145M	155145M	12.2 (0.48)	56.0 (2.20)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	50
	M8	70M8	7TCA302320R0005					56.0 (2.20)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M10	70M10	7TCA302320R0006					56.0 (2.20)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M12	70M12	7TCA302320R0007					56.0 (2.20)	26.0 (1.02)	20.8 (0.82)	2.8 (0.11)	11.5 (0.45)	

IEC CE ②-⑤ 60288

Dimensions



Spec-Kon® lugs

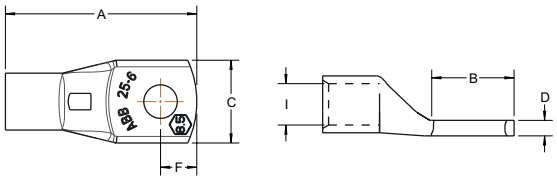
Copper/Straight – one hole type (continued)

Copper/Straight – one hole type (continued)

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling: H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling: H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in): I	A	B	C	D	F	PCs per box
95	M8	95M8	7TCA302320R0008	15	6TC15M	15515M	13.5 (0.53)	62.0 (2.44)	27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	50
	M10	95M10	7TCA302320R0009					62.0 (2.44)	27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	
	M12	95M12	7TCA302320R0010					62.0 (2.44)	27.5 (1.08)	24.5 (0.96)	3.0 (0.12)	13.0 (0.51)	
	M16	95M16	7TCA302320R0011					62.0 (2.44)	27.5 (1.08)	24.5 (0.96)	2.9 (0.11)	13.0 (0.51)	
120	M8	120M8	7TCA302320R0012	18	6TC18M	15518M	15.2 (0.60)	66.5 (2.62)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	50
	M10	120M10	7TCA302320R0013					66.5 (2.62)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M12	120M12	7TCA302320R0014					66.5 (2.62)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M16	120M16	7TCA302320R0015					66.5 (2.62)	28.0 (1.10)	27.5 (1.08)	3.4 (0.13)	13.5 (0.53)	
150	M8	150M8	7TCA302330R0000	21	6TC21M	15521M	16.5 (0.65)	73.0 (2.87)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	20
	M10	150M10	7TCA302330R0001					73.0 (2.87)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M12	150M12	7TCA302330R0002					73.0 (2.87)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M16	150M16	7TCA302330R0003					73.0 (2.87)	33.5 (1.32)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
	M20	150M20	7TCA302330R0004					76.5 (3.01)	37.0 (1.46)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
185	M10	185M10	7TCA302330R0005	23	6TC23M	15523M	18.6 (0.73)	75.0 (2.95)	33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	20
	M12	185M12	7TCA302330R0006					75.0 (2.95)	33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	
	M16	185M16	7TCA302330R0007					75.0 (2.95)	33.5 (1.32)	33.5 (1.32)	4.4 (0.17)	16.0 (0.63)	
	M20	185M20	7TCA302330R0008					80.0 (3.15)	38.5 (1.52)	33.5 (1.32)	4.4 (0.17)	17.5 (0.69)	
240	M10	240M10	7TCA302330R0009	26		15526M	20.8 (0.82)	89.0 (3.50)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	20
	M12	240M12	7TCA302330R0010					89.0 (3.50)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M16	240M16	7TCA302330R0011					89.0 (3.50)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M20	240M20	7TCA302330R0012					89.0 (3.50)	39.0 (1.54)	37.5 (1.48)	5.2 (0.20)	18.0 (0.71)	
300	M10	300M10	7TCA302330R0013	29		15529M	23.5 (0.93)	96.5 (3.80)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	10
	M12	300M12	7TCA302330R0014					96.5 (3.80)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M16	300M16	7TCA302330R0015					96.5 (3.80)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M20	300M20	7TCA302330R0016					96.5 (3.80)	39.0 (1.54)	42.5 (1.67)	5.3 (0.21)	18.0 (0.71)	
400	M12	400M12	7TCA302330R0017	36		15536M	27.0 (1.06)	109.5 (4.31)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	5
	M16	400M16	7TCA302330R0018					109.5 (4.31)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	
	M20	400M20	7TCA302330R0019					109.5 (4.31)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	

IEC CE ②-⑤ 60288

Dimensions



Spec-Kon® lugs

Copper/45 degrees – one hole type

Technical information

Application

- Copper tin plated Metric Compression Lug for power cables for rated voltage up to 36kV. From 6 to 400mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- 45 degrees - one hole lug with die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

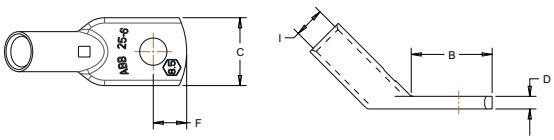
Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/45 degrees – one hole type

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) I	B	C	D	F	PCs per box
6	M5	6M5-45	7TCA302340R0000	6	6TC06M		3.8 (0.15)	14.0 (0.55)	10.0 (0.39)	1.2 (0.05)	6.2 (0.24)	100
	M6	6M6-45	7TCA302340R0001					14.0 (0.55)	10.8 (0.43)	1.2 (0.05)	6.2 (0.24)	
	M8	6M8-45	7TCA302340R0002					16.0 (0.63)	13.0 (0.51)	1.0 (0.04)	8.0 (0.31)	
10	M5	10M5-45	7TCA302340R0003	7	6TC07M	15507M	4.5 (0.18)	15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	100
	M6	10M6-45	7TCA302340R0004					15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	
	M8	10M8-45	7TCA302340R0005					16.5 (0.65)	13.0 (0.51)	1.1 (0.04)	8.0 (0.31)	
	M10	10M10-45	7TCA302340R0006				4.4 (0.17)	16.5 (0.65)	14.5 (0.57)	1.7 (0.07)	8.0 (0.31)	
16	M5	16M5-45	7TCA302340R0007	7,5	6TC075M	155075M	6.0 (0.24)	16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	100
	M6	16M6-45	7TCA302340R0008					16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	
	M8	16M8-45	7TCA302340R0009					16.8 (0.66)	13.0 (0.51)	1.2 (0.05)	6.5 (0.26)	
	M10	16M10-45	7TCA302340R0010					18.2 (0.72)	15.0 (0.59)	1.1 (0.04)	8.0 (0.31)	
25	M6	25M6-45	7TCA302340R0011	8,5	6TC085M	155085M	7.3 (0.29)	18.0 (0.71)	14.0 (0.55)	1.6 (0.06)	8.0 (0.31)	100
	M8	25M8-45	7TCA302340R0012					18.0 (0.71)	15.5 (0.61)	1.6 (0.06)	8.0 (0.31)	
	M10	25M10-45	7TCA302340R0013					18.0 (0.71)	15.5 (0.61)	1.5 (0.06)	8.0 (0.31)	
35	M6	35M6-45	7TCA302340R0014	11	6TC11M	15511M	8.9 (0.35)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	100
	M8	35M8-45	7TCA302340R0015					19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M10	35M10-45	7TCA302340R0016					19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M12	35M12-45	7TCA302340R0017					25.0 (0.98)	21.5 (0.85)	1.5 (0.06)	11.5 (0.45)	
50	M6	50M6-45	7TCA302350R0000	12	6TC12M	15512M	9.8 (0.39)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	50
	M8	50M8-45	7TCA302350R0001					21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M10	50M10-45	7TCA302350R0002					21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M12	50M12-45	7TCA302350R0003					25.0 (0.98)	23.0 (0.91)	1.8 (0.07)	11.0 (0.43)	
70	M6	70M6-45	7TCA302350R0004	14,5	6TC145M	155145M	12.2 (0.48)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	50
	M8	70M8-45	7TCA302350R0005					26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M10	70M10-45	7TCA302350R0006					26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M12	70M12-45	7TCA302350R0007					26.0 (1.02)	20.8 (0.82)	2.8 (0.11)	11.5 (0.45)	

IEC CE ②-⑤ 60288

Dimensions



Spec-Kon® lugs

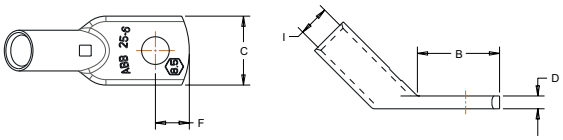
Copper/45 degrees – one hole type (continued)

Copper/45 degrees – one hole type (continued)

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) I	B	C	D	F	PCs per box
95	M8	95M8-45	7TCA302350R0008	15	6TC15M	15515M	13.5 (0.53)	27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	50
	M10	95M10-45	7TCA302350R0009					27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	
	M12	95M12-45	7TCA302350R0010					27.5 (1.08)	24.5 (0.96)	3.0 (0.12)	13.0 (0.51)	
	M16	95M16-45	7TCA302350R0011					27.5 (1.08)	24.5 (0.96)	2.9 (0.11)	13.0 (0.51)	
120	M8	120M8-45	7TCA302350R0012	18	6TC18M	15518M	15.2 (0.60)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	50
	M10	120M10-45	7TCA302350R0013					28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M12	120M12-45	7TCA302350R0014					28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M16	120M16-45	7TCA302350R0015					28.0 (1.10)	27.5 (1.08)	3.4 (0.13)	13.5 (0.53)	
150	M8	150M8-45	7TCA302360R0000	21	6TC21M	15521M	16.5 (0.65)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	50
	M10	150M10-45	7TCA302360R0001					33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M12	150M12-45	7TCA302360R0002					33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M16	150M16-45	7TCA302360R0003					33.5 (1.32)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
	M20	150M20-45	7TCA302360R0004					37.0 (1.46)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
185	M10	185M10-45	7TCA302360R0005	23	6TC23M	15523M	18.6 (0.73)	33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	20
	M12	185M12-45	7TCA302360R0006					33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	
	M16	185M16-45	7TCA302360R0007					33.5 (1.32)	33.5 (1.32)	4.4 (0.17)	16.0 (0.63)	
	M20	185M20-45	7TCA302360R0008					38.5 (1.52)	33.5 (1.32)	4.4 (0.17)	17.5 (0.69)	
240	M10	240M10-45	7TCA302360R0009	26		15526M	20.8 (0.82)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	20
	M12	240M12-45	7TCA302360R0010					39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M16	240M16-45	7TCA302360R0011					39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M20	240M20-45	7TCA302360R0012					39.0 (1.54)	37.5 (1.48)	5.2 (0.20)	18.0 (0.71)	
300	M10	300M10-45	7TCA302360R0013	29		15529M	23.5 (0.93)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	10
	M12	300M12-45	7TCA302360R0014					39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M16	300M16-45	7TCA302360R0015					39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M20	300M20-45	7TCA302360R0016					39.0 (1.54)	42.5 (1.67)	5.3 (0.21)	18.0 (0.71)	
400	M12	400M12-45	7TCA302360R0017	36		15536M	27.0 (1.06)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	5
	M16	400M16-45	7TCA302360R0018					44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	
	M20	400M20-45	7TCA302360R0019					44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	

IEC CE ②-⑤ 60288

Dimensions



Spec-Kon® lugs

Copper/90 degrees – one hole type

Technical information

Application

- Copper tin plated Metric Compression Lug for power cables for rated voltage up to 36kV. From 6 to 400mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- 90 degrees - one hole lug with die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

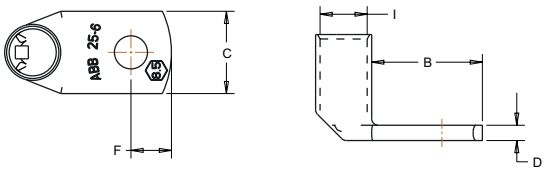
Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/90 degrees – one hole type

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling: H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling: H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in): I	B	C	D	F	PCs per box
6	M5	6M5-90	7TCA302370R0000	6	6TC06M		3.8 (0.15)	14.0 (0.55)	10.0 (0.39)	1.2 (0.05)	6.2 (0.24)	100
	M6	6M6-90	7TCA302370R0001					14.0 (0.55)	10.8 (0.43)	1.2 (0.05)	6.2 (0.24)	
	M8	6M8-90	7TCA302370R0002					16.0 (0.63)	13.0 (0.51)	1.0 (0.04)	8.0 (0.31)	
10	M5	10M5-90	7TCA302370R0003	7	6TC07M	15507M	4.5 (0.18)	15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	100
	M6	10M6-90	7TCA302370R0004					15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	
	M8	10M8-90	7TCA302370R0005					16.5 (0.65)	13.0 (0.51)	1.1 (0.04)	8.0 (0.31)	
	M10	10M10-90	7TCA302370R0006				4.4 (0.17)	16.5 (0.65)	14.5 (0.57)	1.7 (0.07)	8.0 (0.31)	
16	M5	16M5-90	7TCA302370R0007	7,5	6TC075M	155075M	6.0 (0.24)	16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	100
	M6	16M6-90	7TCA302370R0008					16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	
	M8	16M8-90	7TCA302370R0009					16.8 (0.66)	13.0 (0.51)	1.2 (0.05)	6.5 (0.26)	
	M10	16M10-90	7TCA302370R0010					18.2 (0.72)	15.0 (0.59)	1.1 (0.04)	8.0 (0.31)	
25	M6	25M6-90	7TCA302370R0011	8,5	6TC085M	155085M	7.3 (0.29)	18.0 (0.71)	14.0 (0.55)	1.6 (0.06)	8.0 (0.31)	100
	M8	25M8-90	7TCA302370R0012					18.0 (0.71)	15.5 (0.61)	1.6 (0.06)	8.0 (0.31)	
	M10	25M10-90	7TCA302370R0013					18.0 (0.71)	15.5 (0.61)	1.5 (0.06)	8.0 (0.31)	
35	M6	35M6-90	7TCA302370R0014	11	6TC11M	15511M	8.9 (0.35)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	100
	M8	35M8-90	7TCA302370R0015					19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M10	35M10-90	7TCA302370R0016					19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M12	35M12-90	7TCA302370R0017					25.0 (0.98)	21.5 (0.85)	1.5 (0.06)	11.5 (0.45)	
50	M6	50M6-90	7TCA302380R0000	12	6TC12M	15512M	9.8 (0.39)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	50
	M8	50M8-90	7TCA302380R0001					21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M10	50M10-90	7TCA302380R0002					21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M12	50M12-90	7TCA302380R0003					25.0 (0.98)	23.0 (0.91)	1.8 (0.07)	11.0 (0.43)	
70	M6	70M6-90	7TCA302380R0004	14,5	6TC145M	155145M	12.2 (0.48)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	50
	M8	70M8-90	7TCA302380R0005					26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M10	70M10-90	7TCA302380R0006					26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M12	70M12-90	7TCA302380R0007					26.0 (1.02)	20.8 (0.82)	2.8 (0.11)	11.5 (0.45)	

IEC CE ②-⑤ 60288

Dimensions



Spec-Kon® lugs

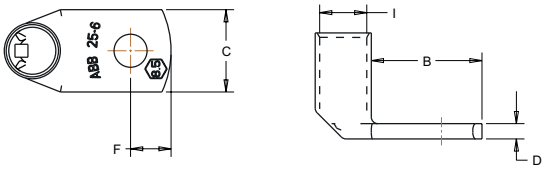
Copper/90 degrees – one hole type (continued)

Copper/90 degrees – one hole type (continued)

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling: H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling: H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in): I	B	C	D	F	PCs per box
95	M8	95M8-90	7TCA302380R0008	15	6TC15M	15515M	13.5 (0.53)	27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	50
	M10	95M10-90	7TCA302380R0009					27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	
	M12	95M12-90	7TCA302380R0010					27.5 (1.08)	24.5 (0.96)	3.0 (0.12)	13.0 (0.51)	
	M16	95M16-90	7TCA302380R0011					27.5 (1.08)	24.5 (0.96)	2.9 (0.11)	13.0 (0.51)	
120	M8	120M8-90	7TCA302380R0012	18	6TC18M	15518M	15.2 (0.60)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	50
	M10	120M10-90	7TCA302380R0013					28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M12	120M12-90	7TCA302380R0014					28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M16	120M16-90	7TCA302380R0015					28.0 (1.10)	27.5 (1.08)	3.4 (0.13)	13.5 (0.53)	
150	M8	150M8-90	7TCA302390R0000	21	6TC21M	15521M	16.5 (0.65)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	20
	M10	150M10-90	7TCA302390R0001					33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M12	150M12-90	7TCA302390R0002					33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M16	150M16-90	7TCA302390R0003					33.5 (1.32)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
	M20	150M20-90	7TCA302390R0004					37.0 (1.46)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
185	M10	185M10-90	7TCA302390R0005	23	6TC23M	15523M	18.6 (0.73)	33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	20
	M12	185M12-90	7TCA302390R0006					33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	
	M16	185M16-90	7TCA302390R0007					33.5 (1.32)	33.5 (1.32)	4.4 (0.17)	16.0 (0.63)	
	M20	185M20-90	7TCA302390R0008					38.5 (1.52)	33.5 (1.32)	4.4 (0.17)	17.5 (0.69)	
240	M10	240M10-90	7TCA302390R0009	26		15526M	20.8 (0.82)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	20
	M12	240M12-90	7TCA302390R0010					39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M16	240M16-90	7TCA302390R0011					39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M20	240M20-90	7TCA302390R0012					39.0 (1.54)	37.5 (1.48)	5.2 (0.20)	18.0 (0.71)	
300	M10	300M10-90	7TCA302390R0013	29		15529M	23.5 (0.93)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	10
	M12	300M12-90	7TCA302390R0014					39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M16	300M16-90	7TCA302390R0015					39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M20	300M20-90	7TCA302390R0016					39.0 (1.54)	42.5 (1.67)	5.3 (0.21)	18.0 (0.71)	
400	M12	400M12-90	7TCA302390R0017	36		15536M	27.0 (1.06)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	5
	M16	400M16-90	7TCA302390R0018					44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	
	M20	400M20-90	7TCA302390R0019					44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	

IEC CE ②-⑤ 60288

Dimensions



Spec-Kon® lugs

Copper/Straight long barrel – one hole type

Technical information

Application

- Copper tin plated Metric Compression Lug for power cables for rated voltage up to 36kV. From 6 to 400mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- Straight long barrel - one hole lug with die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/Straight long barrel – one hole type

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) I	A	B	C	D	F	PCs per box
6	M5	6M5-LB	7TCA302400R0000	6	6TC06M		3.8 (0.15)	38.7 (1.52)	14.0 (0.55)	10.0 (0.39)	1.2 (0.05)	6.2 (0.24)	100
	M6	6M6-LB	7TCA302400R0001					38.7 (1.52)	14.0 (0.55)	10.8 (0.43)	1.2 (0.05)	6.2 (0.24)	
	M8	6M8-LB	7TCA302400R0002					41.0 (1.61)	16.0 (0.63)	13.0 (0.51)	1.0 (0.04)	8.0 (0.31)	
10	M5	10M5-LB	7TCA302400R0003	7	6TC07M	15507M	4.5 (0.18)	43.8 (1.72)	15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	100
	M6	10M6-LB	7TCA302400R0004					43.8 (1.72)	15.8 (0.62)	11.0 (0.43)	1.2 (0.05)	6.0 (0.24)	
	M8	10M8-LB	7TCA302400R0005					43.8 (1.72)	16.5 (0.65)	13.0 (0.51)	1.1 (0.04)	8.0 (0.31)	
	M10	10M10-LB	7TCA302400R0006				4.4 (0.17)	43.8 (1.72)	16.5 (0.65)	14.5 (0.57)	1.7 (0.07)	8.0 (0.31)	
16	M5	16M5-LB	7TCA302400R0007	7,5	6TC075M	155075M	6.0 (0.24)	47.2 (1.86)	16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	50
	M6	16M6-LB	7TCA302400R0008					47.2 (1.86)	16.8 (0.66)	13.0 (0.51)	1.3 (0.05)	6.5 (0.26)	
	M8	16M8-LB	7TCA302400R0009					47.2 (1.86)	16.8 (0.66)	13.0 (0.51)	1.2 (0.05)	6.5 (0.26)	
	M10	16M10-LB	7TCA302400R0010					46.9 (1.85)	18.2 (0.72)	15.0 (0.59)	1.1 (0.04)	8.0 (0.31)	
25	M6	25M6-LB	7TCA302400R0011	8,5	6TC085M	155085M	7.3 (0.29)	48.5 (1.91)	18.0 (0.71)	14.0 (0.55)	1.6 (0.06)	8.0 (0.31)	50
	M8	25M8-LB	7TCA302400R0012					48.5 (1.91)	18.0 (0.71)	15.5 (0.61)	1.6 (0.06)	8.0 (0.31)	
	M10	25M10-LB	7TCA302400R0013					48.5 (1.91)	18.0 (0.71)	15.5 (0.61)	1.5 (0.06)	8.0 (0.31)	
35	M6	35M6-LB	7TCA302400R0014	11	6TC11M	15511M	8.9 (0.35)	57.0 (2.24)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	50
	M8	35M8-LB	7TCA302400R0015					57.0 (2.24)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M10	35M10-LB	7TCA302400R0016					57.0 (2.24)	19.5 (0.77)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	
	M12	35M12-LB	7TCA302400R0017					62.5 (2.46)	25.0 (0.98)	21.5 (0.85)	1.5 (0.06)	11.5 (0.45)	
50	M6	50M6-LB	7TCA302410R0000	12	6TC12M	15512M	9.8 (0.39)	62.7 (2.47)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	50
	M8	50M8-LB	7TCA302410R0001					62.7 (2.47)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M10	50M10-LB	7TCA302410R0002					62.7 (2.47)	21.5 (0.85)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	
	M12	50M12-LB	7TCA302410R0003					66.2 (2.61)	25.0 (0.98)	23.0 (0.91)	1.8 (0.07)	11.0 (0.43)	
70	M6	70M6-LB	7TCA302410R0004	14,5	6TC145M	155145M	12.2 (0.48)	68.0 (2.68)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	25
	M8	70M8-LB	7TCA302410R0005					68.0 (2.68)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M10	70M10-LB	7TCA302410R0006					68.0 (2.68)	26.0 (1.02)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	
	M12	70M12-LB	7TCA302410R0007					68.0 (2.68)	26.0 (1.02)	20.8 (0.82)	2.8 (0.11)	11.5 (0.45)	

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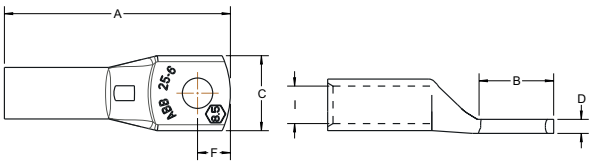
Dimensions



Spec-Kon® lugs

Copper/Straight long barrel – one hole type (continued)

Copper/Straight long barrel – one hole type (continued)

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) l	A	B	C	D	F	PCs per box
95	M8	95M8-LB	7TCA302410R0008	15	6TC15M	15515M	13.5 (0.53)	79.0 (3.11)	27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	25
	M10	95M10-LB	7TCA302410R0009					79.0 (3.11)	27.5 (1.08)	24.5 (0.96)	3.1 (0.12)	13.0 (0.51)	
	M12	95M12-LB	7TCA302410R0010					79.0 (3.11)	27.5 (1.08)	24.5 (0.96)	3.0 (0.12)	13.0 (0.51)	
	M16	95M16-LB	7TCA302410R0011					79.0 (3.11)	27.5 (1.08)	24.5 (0.96)	2.9 (0.11)	13.0 (0.51)	
120	M8	120M8-LB	7TCA302410R0012	18	6TC18M	15518M	15.2 (0.60)	80.0 (3.15)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	25
	M10	120M10-LB	7TCA302410R0013					80.0 (3.15)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M12	120M12-LB	7TCA302410R0014					80.0 (3.15)	28.0 (1.10)	27.5 (1.08)	3.5 (0.14)	13.5 (0.53)	
	M16	120M16-LB	7TCA302410R0015					80.0 (3.15)	28.0 (1.10)	27.5 (1.08)	3.4 (0.13)	13.5 (0.53)	
150	M8	150M8-LB	7TCA302420R0000	21	6TC21M	15521M	16.5 (0.65)	100.0 (3.94)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	20
	M10	150M10-LB	7TCA302420R0001					100.0 (3.94)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M12	150M12-LB	7TCA302420R0002					100.0 (3.94)	33.5 (1.32)	30.5 (1.20)	4.5 (0.18)	15.5 (0.61)	
	M16	150M16-LB	7TCA302420R0003					100.0 (3.94)	33.5 (1.32)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
	M20	150M20-LB	7TCA302420R0004					103.5 (4.07)	37.0 (1.46)	30.5 (1.20)	4.3 (0.17)	15.5 (0.61)	
185	M10	185M10-LB	7TCA302420R0005	23	6TC23M	15523M	18.6 (0.73)	100.3 (3.95)	33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	20
	M12	185M12-LB	7TCA302420R0006					100.3 (3.95)	33.5 (1.32)	33.5 (1.32)	4.6 (0.18)	16.0 (0.63)	
	M16	185M16-LB	7TCA302420R0007					100.3 (3.95)	33.5 (1.32)	33.5 (1.32)	4.4 (0.17)	16.0 (0.63)	
	M20	185M20-LB	7TCA302420R0008					105.3 (4.15)	38.5 (1.52)	33.5 (1.32)	4.4 (0.17)	17.5 (0.69)	
240	M10	240M10-LB	7TCA302420R0009	26		15526M	20.8 (0.82)	115.0 (4.53)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	10
	M12	240M12-LB	7TCA302420R0010					115.0 (4.53)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M16	240M16-LB	7TCA302420R0011					115.0 (4.53)	39.0 (1.54)	37.5 (1.48)	5.3 (0.21)	18.0 (0.71)	
	M20	240M20-LB	7TCA302420R0012					115.0 (4.53)	39.0 (1.54)	37.5 (1.48)	5.2 (0.20)	18.0 (0.71)	
300	M10	300M10-LB	7TCA302420R0013	29		15529M	23.5 (0.93)	122.7 (4.83)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	10
	M12	300M12-LB	7TCA302420R0014					122.7 (4.83)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M16	300M16-LB	7TCA302420R0015					122.7 (4.83)	39.0 (1.54)	42.5 (1.67)	5.4 (0.21)	18.0 (0.71)	
	M20	300M20-LB	7TCA302420R0016					122.7 (4.83)	39.0 (1.54)	42.5 (1.67)	5.3 (0.21)	18.0 (0.71)	
400	M12	400M12-LB	7TCA302420R0017	36		15536M	27.0 (1.06)	127.2 (5.01)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	5
	M16	400M16-LB	7TCA302420R0018					127.2 (5.01)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	
	M20	400M20-LB	7TCA302420R0019					127.2 (5.01)	44.0 (1.73)	49.5 (1.95)	7.5 (0.30)	20.0 (0.79)	

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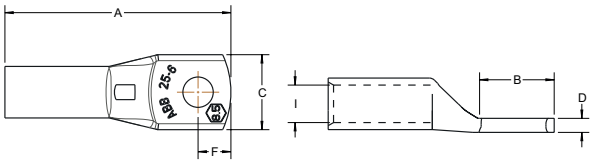
Dimensions



Spec-Kon® lugs

Copper/Straight – two hole type

Technical information

Application

- Copper tin plated Metric Compression Lug for power cables for rated voltage up to 36kV. From 25 to 400mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- Straight - two hole lug with die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/Straight – two hole type

Nominal cross-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling: H-C6 240 B-IC6 240 T-C6 240	H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in): I	A	B	C	D	F	H	PCs per box
25	M6	25M6-2	7TCA302430R0000	8,5	6TC085M	155085M	6.9 (0.27)	84.5 (3.33)	52.5 (2.07)	14.0 (0.55)	1.6 (0.06)	8.0 (0.31)	44.5 (1.75)	50
	M8	25M8-2	7TCA302430R0001				7.3 (0.29)	84.5 (3.33)	52.5 (2.07)	15.5 (0.61)	1.6 (0.06)	8.0 (0.31)	44.5 (1.75)	
35	M8	35M8-2	7TCA302430R0002	11	6TC11M	15511M	8.2 (0.32)	88.8 (3.50)	53.0 (2.09)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	44.5 (1.75)	50
	M10	35M10-2	7TCA302430R0003				8.9 (0.35)	88.8 (3.50)	52.5 (2.07)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	44.5 (1.75)	
50	M10	50M10-2	7TCA302440R0000	12	6TC12M	15512M	9.8 (0.39)	93.5 (3.68)	54.5 (2.15)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	44.5 (1.75)	50
	M12	50M12-2	7TCA302440R0001					97.0 (3.82)	55.5 (2.19)	23.0 (0.91)	1.8 (0.07)	11.0 (0.43)	44.5 (1.75)	
70	M10	70M10-2	7TCA302440R0002	14,5	6TC145M	155145M	12.2 (0.48)	100.5 (3.96)	56.0 (2.20)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	44.5 (1.75)	25
	M12	70M12-2	7TCA302440R0003					100.5 (3.96)	56.0 (2.20)	20.8 (0.82)	2.8 (0.11)	11.5 (0.45)	44.5 (1.75)	
95	M10	95M10-2	7TCA302440R0004	15	6TC15M	15515M	13.5 (0.53)	107.0 (4.21)	58.0 (2.28)	24.5 (0.96)	3.1 (0.12)	13.5 (0.53)	44.5 (1.75)	25
	M12	95M12-2	7TCA302440R0005					107.0 (4.21)	58.0 (2.28)	24.5 (0.96)	3.0 (0.12)	13.5 (0.53)	44.5 (1.75)	
120	M10	120M10-2	7TCA302440R0006	18	6TC18M	15518M	15.2 (0.60)	111.0 (4.37)	59.0 (2.32)	27.5 (1.08)	3.5 (0.14)	14.5 (0.57)	44.5 (1.75)	25
	M12	120M12-2	7TCA302440R0007					111.0 (4.37)	58.0 (2.28)	27.5 (1.08)	3.5 (0.14)	14.5 (0.57)	44.5 (1.75)	
150	M10	150M10-2	7TCA302450R0000	21	6TC21M	15521M	16.5 (0.65)	118.5 (4.67)	61.0 (2.40)	30.5 (1.20)	4.5 (0.18)	16.5 (0.65)	44.5 (1.75)	20
	M12	150M12-2	7TCA302450R0001					118.5 (4.67)	61.0 (2.40)	30.5 (1.20)	4.5 (0.18)	16.5 (0.65)	44.5 (1.75)	

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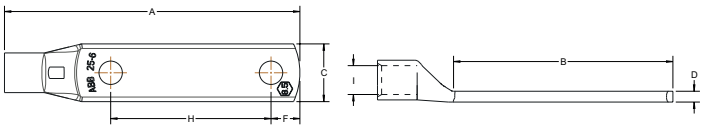
Dimensions



Spec-Kon® lugs

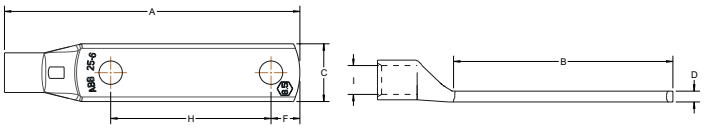
Copper/Straight – two hole type (continued)

Copper/Straight – two hole type

Nominal cross-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling: H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling: H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in): I	A	B	C	D	F	H	PCs per box
185	M10	185M10-2	7TCA302450R0002	23	6TC23M	15523M	18.6 (0.73)	120.0 (4.72)	62.0 (2.44)	33.5 (1.32)	4.6 (0.18)	17.5 (0.69)	44.5 (1.75)	20
	M12	185M12-2	7TCA302450R0003					124.5 (4.90)	62.0 (2.44)	33.5 (1.32)	4.6 (0.18)	17.5 (0.69)	44.5 (1.75)	
240	M10	240M10-2	7TCA302450R0004	26		15526M	20.8 (0.82)	135.0 (5.31)	64.0 (2.52)	37.5 (1.48)	5.3 (0.21)	19.5 (0.77)	44.5 (1.75)	10
	M12	240M12-2	7TCA302450R0005					135.0 (5.31)	64.0 (2.52)	37.5 (1.48)	5.3 (0.21)	19.5 (0.77)	44.5 (1.75)	
300	M10	300M10-2	7TCA302450R0006	29		15529M	23.5 (0.93)	144.0 (5.67)	64.5 (2.54)	42.5 (1.67)	5.4 (0.21)	20.0 (0.79)	44.5 (1.75)	10
	M12	300M12-2	7TCA302450R0007					144.0 (5.67)	64.5 (2.54)	42.5 (1.67)	5.4 (0.21)	20.0 (0.79)	44.5 (1.75)	
400	M12	400M12-2	7TCA302450R0008	36		15536M	27.0 (0.08)	160.0 (6.30)	68.0 (2.68)	49.5 (1.95)	7.5 (0.30)	23.5 (0.93)	44.5 (1.75)	10

IEC CE ②-⑤ 60288

Dimensions



Spec-Kon® lugs

Copper/Straight long barrel – two hole type

Technical information

Application

- Copper tin plated Metric Compression Lug for power cables for rated voltage up to 36kV. From 25 to 400mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- Straight long barrel - two hole lug with die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

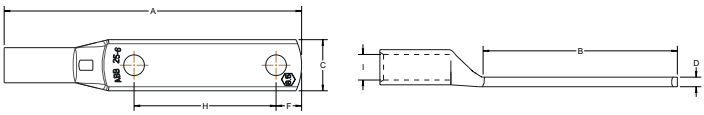
Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/Straight long barrel – two hole type

Nominal cross-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) I	A	B	C	D	F	H	PCs per box
25	M6	25M6-2LB	7TCA302460R0000	8,5	6TC085M	155085M	6.9 (0.27)	93.0 (3.66)	52.5 (2.07)	14.0 (0.55)	1.6 (0.06)	8.0 (0.31)	44.5 (1.75)	50
	M8	25M8-2LB	7TCA302460R0001				7.3 (0.29)	93.0 (3.66)	52.5 (2.07)	15.5 (0.61)	1.6 (0.06)	8.0 (0.31)	44.5 (1.75)	
35	M8	35M8-2LB	7TCA302460R0002	11	6TC11M	15511M	8.2 (0.32)	101.8 (4.01)	53.0 (2.09)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	44.5 (1.75)	50
	M10	35M10-2LB	7TCA302460R0003				8.9 (0.35)	101.8 (4.01)	52.5 (2.07)	15.5 (0.61)	2.1 (0.08)	8.5 (0.33)	44.5 (1.75)	
50	M10	50M10-2LB	7TCA302470R0000	12	6TC12M	15512M	9.8 (0.39)	107.2 (4.22)	54.5 (2.15)	18.0 (0.71)	2.5 (0.10)	10.0 (0.39)	44.5 (1.75)	50
	M12	50M12-2LB	7TCA302470R0001					110.7 (4.36)	55.5 (2.19)	23.0 (0.91)	1.8 (0.07)	11.0 (0.43)	44.5 (1.75)	
70	M10	70M10-2LB	7TCA302470R0002	14,5	6TC145M	155145M	12.2 (0.48)	112.5 (4.43)	56.0 (2.20)	20.8 (0.82)	2.9 (0.11)	11.5 (0.45)	44.5 (1.75)	25
	M12	70M12-2LB	7TCA302470R0003					112.5 (4.43)	56.0 (2.20)	20.8 (0.82)	2.8 (0.11)	11.5 (0.45)	44.5 (1.75)	
95	M10	95M10-2LB	7TCA302470R0004	15	6TC15M	15515M	13.5 (0.53)	124.0 (4.88)	58.0 (2.28)	24.5 (0.96)	3.1 (0.12)	13.5 (0.53)	44.5 (1.75)	25
	M12	95M12-2LB	7TCA302470R0005					124.0 (4.88)	58.0 (2.28)	24.5 (0.96)	3.0 (0.12)	13.5 (0.53)	44.5 (1.75)	
120	M10	120M10-2LB	7TCA302470R0006	18	6TC18M	15518M	15.2 (0.60)	124.5 (4.90)	59.0 (2.32)	27.5 (1.08)	3.5 (0.14)	14.5 (0.57)	44.5 (1.75)	25
	M12	120M12-2LB	7TCA302470R0007					124.5 (4.90)	59.0 (2.32)	27.5 (1.08)	3.5 (0.14)	14.5 (0.57)	44.5 (1.75)	
150	M10	150M10-2LB	7TCA302480R0000	21	6TC21M	15521M	16.5 (0.65)	145.5 (5.73)	61.0 (2.40)	30.5 (1.20)	4.5 (0.18)	16.5 (0.65)	44.5 (1.75)	20
	M12	150M12-2LB	7TCA302480R0001					145.5 (5.73)	61.0 (2.40)	30.5 (1.20)	4.5 (0.18)	16.5 (0.65)	44.5 (1.75)	

IEC CE ②-⑤ 60288

Dimensions



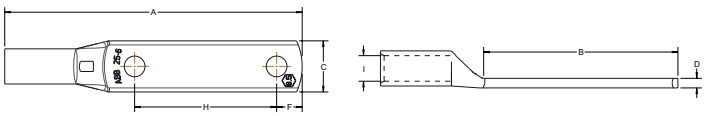
Spec-Kon® lugs

Copper/Straight long barrel – two hole type (continued)

Copper/Straight long barrel – two hole type

Nominal cross-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling: H-C6 240 B-IC6 240 T-C6 240	H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in): I	A	B	C	D	F	H	PCs per box
185	M10	185M10-2LB	7TCA302480R0002	23	6TC23M	15523M	18.6 (0.73)	145.3 (5.72)	62.0 (2.44)	33.5 (1.32)	4.6 (0.18)	17.5 (0.69)	44.5 (1.75)	20
	M12	185M12-2LB	7TCA302480R0003					149.8 (5.90)	62.0 (2.44)	33.5 (1.32)	4.6 (0.18)	17.5 (0.69)	44.5 (1.75)	
240	M10	240M10-2LB	7TCA302480R0004	26		15526M	20.8 (0.82)	160.0 (6.30)	64.0 (2.52)	37.5 (1.48)	5.3 (0.21)	19.5 (0.77)	44.5 (1.75)	10
	M12	240M12-2LB	7TCA302480R0005					160.0 (6.30)	64.0 (2.52)	37.5 (1.48)	5.3 (0.21)	19.5 (0.77)	44.5 (1.75)	
300	M10	300M10-2LB	7TCA302480R0006	29		15529M	23.5 (0.93)	169.2 (6.66)	64.5 (2.54)	42.5 (1.67)	5.4 (0.21)	20.0 (0.79)	44.5 (1.75)	10
	M12	300M12-2LB	7TCA302480R0007					169.2 (6.66)	64.5 (2.54)	42.5 (1.67)	5.4 (0.21)	20.0 (0.79)	44.5 (1.75)	
400	M12	400M12-2LB	7TCA302480R0008	36		15536M	27.0 (0.08)	177.7 (7.00)	68.0 (2.68)	49.5 (1.95)	7.5 (0.30)	23.5 (0.93)	44.5 (1.75)	10

Dimensions



Spec-Kon® lugs

Copper/Straight narrow tongue – one hole type

Technical information

Application

- Copper tin plated Metric Compression Lug for Switchers and Breakers with reduced space terminal blocks. From 6 to 300mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- Straight narrow palm - two hole lug with die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/Straight narrow tongue – one hole type

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) I	A	B	C	D	F	PCs per box
6	M5	6M5-NP	7TCA302490R0000	6	6TC06M		3.8 (0.15)	27.5 (1.08)	13.3 (0.52)	10.0 (0.39)	1.2 (0.05)	5.5 (0.22)	50
	M6	6M6-NP	7TCA302490R0001					27.5 (1.08)	13.3 (0.52)	10.0 (0.39)	1.2 (0.05)	5.5 (0.22)	
10	M5	10M5-NP	7TCA302490R0002	7	6TC07M	15507M	4.5 (0.18)	31.8 (1.25)	15.3 (0.60)	11.0 (0.43)	1.3 (0.05)	5.5 (0.22)	50
	M6	10M6-NP	7TCA302490R0003					31.8 (1.25)	15.3 (0.60)	11.0 (0.43)	1.3 (0.05)	5.5 (0.22)	
16	M5	16M5-NP	7TCA302490R0004	7,5	6TC075M	155075M	6.0 (0.24)	33.4 (1.31)	14.5 (0.57)	12.0 (0.47)	1.4 (0.06)	5.5 (0.22)	50
	M6	16M6-NP	7TCA302490R0005					33.4 (1.31)	14.5 (0.57)	12.0 (0.47)	1.4 (0.06)	5.5 (0.22)	
25	M6	25M6-NP	7TCA302490R0006	8,5	6TC085M	155085M	7.3 (0.29)	35.5 (1.40)	14.5 (0.57)	13.0 (0.51)	1.8 (0.07)	5.5 (0.22)	25
	M8	25M8-NP	7TCA302490R0007					39.5 (1.56)	18.5 (0.73)	13.0 (0.51)	1.8 (0.07)	7.5 (0.30)	
35	M6	35M6-NP	7TCA302490R0008	11	6TC11M	15511M	8.9 (0.35)	37.2 (1.46)	14.5 (0.57)	14.0 (0.55)	2.2 (0.09)	5.5 (0.22)	25
	M8	35M8-NP	7TCA302490R0009					41.2 (1.62)	18.5 (0.73)	14.0 (0.55)	2.2 (0.09)	7.5 (0.30)	
50	M6	50M6-NP	7TCA302500R0000	12	6TC12M	15512M	9.8 (0.37)	41.2 (1.62)	14.5 (0.57)	14.0 (0.55)	3.1 (0.12)	5.5 (0.22)	25
	M8	50M8-NP	7TCA302500R0001					45.2 (1.78)	18.5 (0.73)	14.0 (0.55)	3.1 (0.12)	7.5 (0.30)	
	M10	50M10-NP	7TCA302500R0002					45.2 (1.78)	18.5 (0.73)	16.5 (0.65)	2.6 (0.10)	7.5 (0.30)	
70	M6	70M6-NP	7TCA302500R0003	14,5	6TC145M	155145M	12.2 (0.48)	43.2 (1.70)	14.5 (0.57)	15.0 (0.59)	4.0 (0.16)	5.5 (0.22)	25
	M8	70M8-NP	7TCA302500R0004					47.2 (1.86)	18.5 (0.73)	15.0 (0.59)	4.0 (0.16)	7.5 (0.30)	
	M10	70M10-NP	7TCA302500R0005					47.2 (1.86)	18.5 (0.73)	15.0 (0.59)	4.0 (0.16)	7.5 (0.30)	
95	M8	95M8-NP	7TCA302500R0006	15	6TC145M	15515M	13.5 (0.53)	52.0 (2.05)	18.5 (0.73)	16.5 (0.65)	4.3 (0.17)	7.5 (0.30)	25
	M10	95M10-NP	7TCA302500R0007					55.5 (2.19)	22.0 (0.87)	16.5 (0.65)	4.3 (0.17)	9.5 (0.37)	
	M12	95M12-NP	7TCA302500R0008					55.5 (2.19)	22.0 (0.87)	16.5 (0.65)	4.3 (0.17)	9.5 (0.37)	

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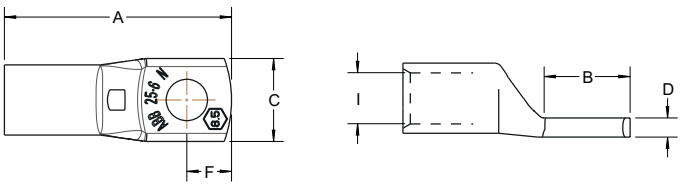
Dimensions



Spec-Kon® lugs

Copper/Straight narrow tongue – one hole type (continued)

Copper/Straight narrow tongue – one hole type (continued)

Nominal X-section (mm²)	Stud bolt size	Part number	GID number	Die code	Die selection: Compression tooling: H-C6 240 B-IC6 240 T-C6 240	Die selection: Compression tooling: H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in): I	A	B	C	D	F	PCs per box
120	M8	120M8-NP	7TCA302500R0009	18	6TC18M	15518M	15.2 (0.60)	57.0 (2.24)	18.5 (0.73)	18.6 (0.73)	4.9 (0.19)	7.5 (0.30)	10
	M10	120M10-NP	7TCA302500R0010					60.5 (2.38)	22.0 (0.87)	18.6 (0.73)	4.9 (0.19)	9.5 (0.37)	
	M12	120M12-NP	7TCA302500R0011					60.5 (2.38)	22.0 (0.87)	18.6 (0.73)	4.9 (0.19)	9.5 (0.37)	
150	M8	150M8-NP	7TCA302510R0000	21	6TC21M	15521M	16.5 (0.65)	58.0 (2.28)	18.5 (0.73)	21.0 (0.83)	6.3 (0.25)	7.5 (0.30)	10
	M10	150M10-NP	7TCA302510R0001					61.5 (2.42)	22.0 (0.87)	21.0 (0.83)	6.3 (0.25)	9.5 (0.37)	
	M12	150M12-NP	7TCA302510R0002					61.5 (2.42)	22.0 (0.87)	21.0 (0.83)	6.3 (0.25)	9.5 (0.37)	
185	M8	185M8-NP	7TCA302510R0003	23	6TC23M	15523M	18.6 (0.73)	60.0 (2.36)	18.5 (0.73)	23.0 (0.91)	6.2 (0.24)	7.5 (0.30)	10
	M10	185M10-NP	7TCA302510R0004					63.3 (2.49)	22.0 (0.87)	23.0 (0.91)	6.2 (0.24)	9.5 (0.37)	
	M12	185M12-NP	7TCA302510R0005					63.3 (2.49)	22.0 (0.87)	23.0 (0.91)	6.2 (0.24)	9.5 (0.37)	
240	M10	240M10-NP	7TCA302510R0006	26		15526M	20.8 (0.82)	72.0 (2.83)	22.0 (0.87)	26.0 (1.02)	7.3 (0.29)	9.5 (0.37)	5
	M12	240M12-NP	7TCA302510R0007					72.0 (2.83)	22.0 (0.87)	26.0 (1.02)	7.3 (0.29)	9.5 (0.37)	
	M16	240M16-NP	7TCA302510R0008					75.5 (2.97)	25.5 (1.00)	26.0 (1.02)	7.3 (0.29)	9.5 (0.37)	
300	M10	300M10-NP	7TCA302510R0009	29		15529M	23.5 (0.93)	79.5 (3.13)	22.0 (0.87)	29.0 (1.14)	7.8 (0.31)	9.5 (0.37)	5
	M12	300M12-NP	7TCA302510R0010					79.5 (3.13)	22.0 (0.87)	29.0 (1.14)	7.8 (0.31)	9.5 (0.37)	
	M16	300M16-NP	7TCA302510R0011					83.0 (3.27)	25.5 (1.00)	29.0 (1.14)	7.8 (0.31)	9.5 (0.37)	

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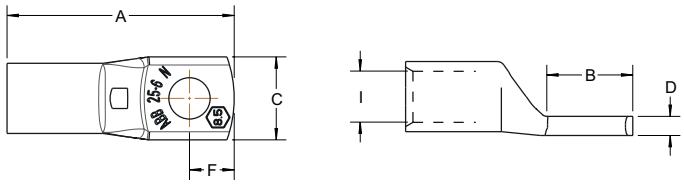
Dimensions



Spec-Kon® lugs

Copper/Butt splices

Technical information

Application

- Copper tin plated metric compression butt splices for power cables for rated voltage up to 36kV. From 6 to 400mm²
- Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228

Characteristics

- Die code marking to assist installation work and inspection
- Hole inspection to ease installation control
- Chamfer barrel to assist installation work

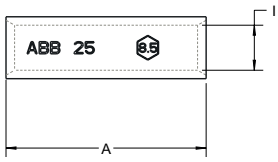
Material: Copper. Comply to EN13600
Surface: Tin plated
Certification: Comply to IEC 61238 - CE declaration

Copper/Butt splices

				Die selection				
				Compression tooling				
Nominal X-section (mm²)	Part number	GID number	Die code	H-C6 240 B-IC6 240 T-C6 240	H-CK 400 B-CK 400 T-CK 400	Dimensions mm/(in) I	Dimensions mm/(in) A	PCs per box
6	6-BS	7TCA302520R0000	6	6TC06M		3.8 (0.15)	30.0 (1.18)	100
10	10-BS	7TCA302520R0001	7	6TC07M	15507M	4.5 (0.18)	30.0 (1.18)	100
16	16-BS	7TCA302520R0002	8	6TC075M	155075M	6.0 (0.24)	35.0 (1.38)	100
25	25-BS	7TCA302520R0003	8,5	6TC085M	155085M	7.3 (0.29)	36.0 (1.42)	100
35	35-BS	7TCA302520R0004	11	6TC11M	15511M	8.9 (0.35)	36.0 (1.42)	100
50	50-BS	7TCA302530R0000	12	6TC12M	15512M	9.8 (0.39)	49.0 (1.93)	50
70	70-BS	7TCA302530R0001	14,5	6TC145M	155145M	12.2 (0.48)	52.0 (2.05)	50
95	95-BS	7TCA302530R0002	15	6TC15M	15515M	13.5 (0.53)	54.0 (2.13)	25
120	120-BS	7TCA302530R0003	18	6TC18M	15518M	15.2 (0.60)	57.0 (2.24)	25
150	150-BS	7TCA302540R0000	21	6TC21M	15521M	16.5 (0.65)	57.0 (2.24)	20
185	185-BS	7TCA302540R0001	23	6TC23M	15523M	18.6 (0.73)	61.0 (2.40)	20
240	240-BS	7TCA302540R0002	26		15526M	20.8 (0.82)	72.0 (2.83)	20
300	300-BS	7TCA302540R0003	29		15529M	23.5 (0.93)	75.0 (2.95)	10
400	400-BS	7TCA302540R0004	36		15536M	27.0 (1.06)	95.0 (3.74)	5

IEC CE ②-⑤ 60288

Dimensions



Tools and accessories

Hydraulic compression tools – Battery powered

Battery hydraulic compression tool set

Product Ref.: B-IC6 240
GID Number: 7TCA131530R0001

Characteristics
- Useable dies: Color-Keyed® dies (6TC series)
- Crimping range: 6-240mm²
- Crimping force: 52 kN
- Weight: 2.3kg without battery
- Length: 425mm (16.73in)
- Operating pressure: 700 bar
- Scope of delivery: Tool, 2 batteries, Charger, Carrying case

Battery hydraulic compression tool set

Product Ref.: B-CK 400
GID Number: 7TCA131530R0002

Characteristics
- Useable dies: U-dies (155 series)
- Crimping range: 10-400mm²
- Crimping force: 140 kN
- Weight: 4.9kg without battery
- Length: 330mm (12.99in)
- Operating pressure: 700 bar
- Scope of delivery: Tool, 2 batteries, Charger, carrying case with die box

Tools and accessories

Hydraulic compression tools – Hand and remote head

Manual hydraulic compression tool

Product Ref.: H-C6 240
GID Number: 7TCA131530R0014

Characteristics
- Useable dies: Color-Keyed® type (6TC series)
- Crimping range: 10-240mm²
- Crimping force: 52 kN
- Weight: 2.8kg
- Length: 480mm (18.90in)

Manual hydraulic compression tool

Product Ref.: H-CK 400
GID Number: 7TCA131530R0000

Characteristics
- Useable dies: U-dies (155 series)
- Crimping range: 10-400mm²
- Crimping force: 140 kN
- Weight: 4.9kg
- Length: 330mm (12.99in)

Remote-head hydraulic compression tool

Product Ref.: T-C6 240
GID Number: 7TCA131530R0003

Characteristics
- Useable dies: Color-Keyed® type (6TC series)
- Crimping range: 10-240mm²
- Crimping force: 52 kN
- Weight: 1.72kg
- Length: 260mm (10.24in)
- Operating pressure: 700 bar

Remote-head hydraulic compression tool

Product Ref.: T-CK 400
GID Number: 7TCA131530R0004

Characteristics
- Useable dies: U-dies (155 series)
- Crimping range: 16-300mm²
- Crimping force: 108 kN
- Weight: 3.6kg
- Length: 285mm (11.22in)
- Operating pressure: 700 bar

Tools and accessories

Dies and dies selector

155-series set die for metric compression lugs

Product Ref.: 155xxM

Characteristics
- Compatible with B-CK 400 / H-CK 400 / T-CK 400*
- From 10 to 400mm². Comply to IEC 61238

6TC-series set die for metric compression lugs

Product Ref.: 6TCxxM

Characteristics
- Compatible with B-IC6 240 / H-C6 240 / T-C6 240*
- From 6 to 240mm². Comply to IEC 61238

Color-Keyed® & Spec-Kon® dies selector - Quick guide

	Color-Keyed®		
Conductor size (mm²)	**Lug part number**	**H-C6 240 B-IC6 240 T-C6 240**	**H-CK 400 B-CK 400 T-CK 400**
6	6Mx-A	6TC06M	
10	10Mx-A	6TC08M	15508M
16	16Mx-A	6TC09M	15509M
25	25Mx-A	6TC11M	15511M
35	35Mx-A	6TC13M	15513M
50	50Mx-A	6TC145M	155145M
70	70Mx-A	6TC17M	15517M
95	95Mx-A	6TC20M	15520M
120	120Mx-A	6TC22M	15522M
150	150Mx-A	6TC25M	15525M
185	185Mx-A	6TC27M	15527M
240	240Mx-A	6TC30M	15530M
300	300Mx-A		15532M
400	400Mx-A		15536M

Spec-Kon®		
Lug part number	**H-C6 240 B-IC6 240 T-C6 240**	**H-CK 400 B-CK 400 T-CK 400**
6Mx	6TC06M	
10Mx	6TC07M	15507M
16Mx	6TC075M	155075M
25Mx	6TC085M	155085M
35Mx	6TC11M	15511M
50Mx	6TC12M	15512M
70Mx	6TC145M	155145M
95Mx	6TC15M	15515M
120Mx	6TC18M	15518M
150Mx	6TC21M	15521M
185Mx	6TC23M	15523M
240Mx		15526M
300Mx		15529M
400Mx		15536M

* For other tools compatibility, please contact your ABB local contact

Tools and accessories

Hydraulic cutting tools – Battery, hand and remote head

Battery cutting tool set

Product Ref.: B-CUT 50
GID Number: 7TCA131530R0006

Characteristics
- Cutting capacity: max. 50mm (1.97in)
- Cutting force: 25 kN
- Weight: 2.1kg less battery
- Length: 355mm (13.98in)
- Application: non-ferrous stranded conductors
- Features: electronic overload protection and safety control lever
- Scope of delivery: Tool, 2 batteries, Charger, Carrying case

Hand cutting tool set

Product Ref.: H-CUT 22
GID Number: 7TCA131530R0005

Characteristics
- Cutting capacity: max. 22mm (0.87in)
- Cutting force: 39 kN
- Weight: 2.8kg
- Length: 390mm (25.35in)
- Application: steel

Remote-head cutting tool set

Product Ref.: T-CUT 20
GID Number: 7TCA131530R0007

Characteristics
- Cutting capacity: max. 40mm (1.57in)
- Cutting force: 76 kN
- Weight: 3.8kg
- Length: 360mm (14.17in)
- Application: steel

Tools and accessories

Hydraulic pumps

Mobile battery operated hydraulic pump set

Product Ref.: M-Pump 1300
GID Number: 7TCA131530R0008

Characteristics

- Oil delivery: 1.300ml/min (low pressure) 200ml/min (high pressure)
- Oil filling: 600ml (400ml useable)
- Principle: two parallel working 2-step piston pumps with rapid advance
- Range of application: mobile battery pump
- Power supply: 14.4 V battery (useable with one or two batteries)
- Hydraulic connection: Coupling Cejn series 115
- Dimensions (LxWxH): 380 x 205 x 240mm (14.96 x 8.07 x 9.45in)
- Weight: 7.7kg less battery
- Working pressure 700bar (can be set from 150 - 850 bar by the manufacturer)
- Features: wired remote control 5m (included) - rotatable hydraulic coupling
- Scope of delivery: Mobile pump - 2 batteries - 2 charger

Stationary mains powered hydraulic pump set

Product Ref.: F-Pump 400
GID Number: 7TCA131530R0009

Characteristics

- Oil delivery: 0.4 l/min
- Operating pressure: 700 bar (adjusted)
- Weight: 15.7kg
- Dimensions (LxWxH): 230 x 230 x 395mm (9.06 x 9.06 x 15.55in)
- Oil fill: 1.2 l (0.8 l serviceable)
- Power supply: 230 V~ (370 W)
- Operation: one-hand remote control with touch control
- Hose coupling: CEJN-coupling series 115
- Options: adjustable pump pressure from 150 to 850 bar by manufacturer
- Included in delivery: Electrohydraulic Fixed Pump, quick coupling, hand operated remote control
- There is no hose included in this item.

Tools and accessories

Accessories

Battery charger

Product Ref.: IBATC100-240
GID Number: 7TCA131530R0024

Characteristics
- For recharge of all Holger Clasen batteries (14.4V)
- Power supply: 100-240V / 50Hz
- Weight: 0.6kg
- Measures (L x W x H): 130 x 94 x 79.5mm (5.90 x 3.70 x 3.13in)
- Charging time: 50 min, = 80% / 90 min. = 100%

Li-Ion battery

Product Ref.: IBAT-LI30
GID Number: 7TCA131530R0023

Characteristics
- Technology: Sealed Lithium Ion, Intelligient
- Voltage: 14.4 V
- Capacity: 3.0 Ah
- Measures (L x W x H): 100 x 75 x 137mm (3.94 x 2.95 x 5.39in)
- Weight: 0.58kg
- Charging time: 50 min. = 80% / 90 min. = 100%
- Useable Charger: IBATC100-240

Power supply for battery power compression tool

Product Ref.: Power-230
GID Number: 7TCA131530R0012

Characteristics
- Input: 220 - 240 V ca. 50-60 Hz 70 W - 800W
- Output: 14.4 V - 5-60A
- Connection cable: 5m (16.4ft)
- Weight: 0.8kg

Hydraulic hose 3m

Product Ref.: HydT-3
GID Number: 7TCA131530R0013

Characteristics
- Hose with Oilfill including coupling system (Nipple and coupler)
- Length of hose: 3m (9.85ft)
- Working pressure max. 1000 bar
- Coupling system Cejn Series 115

Color-Keyed® crimping tools

Large hand tool

Large hand tool

Product Ref.: TBM6SM
GID Number: 7TCA131400R0009

Characteristics

- Large fixed die tool, with rotating head and 6 nests
- For Class A Color-Keyed copper tube lugs from 10 to 70 mm²
- Shure-Stake® mechanism to ensure a full compression every time
- Length: 500mm (19.69in)
- Weight: 2.8kg

Tools and accessories

Smart tools

- The SMART tools are designed to give you a uniform high quality compression connection over a wide connector range
- It easily installs copper and aluminium lugs from 10 to 400mm² without changing dies
- With its built-in intelligence, the tool will sense the barrel diameter and apply the correct amount of compression force
- Die selection mistakes are virtually eliminated
- Tools are made from forged steel, suited to bench or fieldwork. Their “C”-shaped heads, light weight and compact size make them easy to use in almost any application

Product Ref.: TBM8-750
GID number: 7TAA131630R0002

Characteristics
- Dieless operation
- Hydraulic remote tool head
- For copper lugs from the Color-Keyed® and Spec-Kon® line from 10 to 400mm²
- Operates on standard 10,000 psi (= 690 bar) hydraulic pumps
- Length: 368mm (14.49in)
- Weight: 4kg
- Output pressure: 12 ton
- Coupler: Pioneer, female

Product Ref.: TBM8-750M-1
GID number: 7TAA131580R0001

Characteristics
- Dieless operation
- Self-contained hydraulic tool
- For copper lugs from the Color-Keyed® and Spec-Kon® line from 10 to 400mm²
- Length: 538mm (21.18in)
- Weight: 5.9kg
- Output pressure: 12 ton
- Operating pressure: 9800 psi = 676 bar

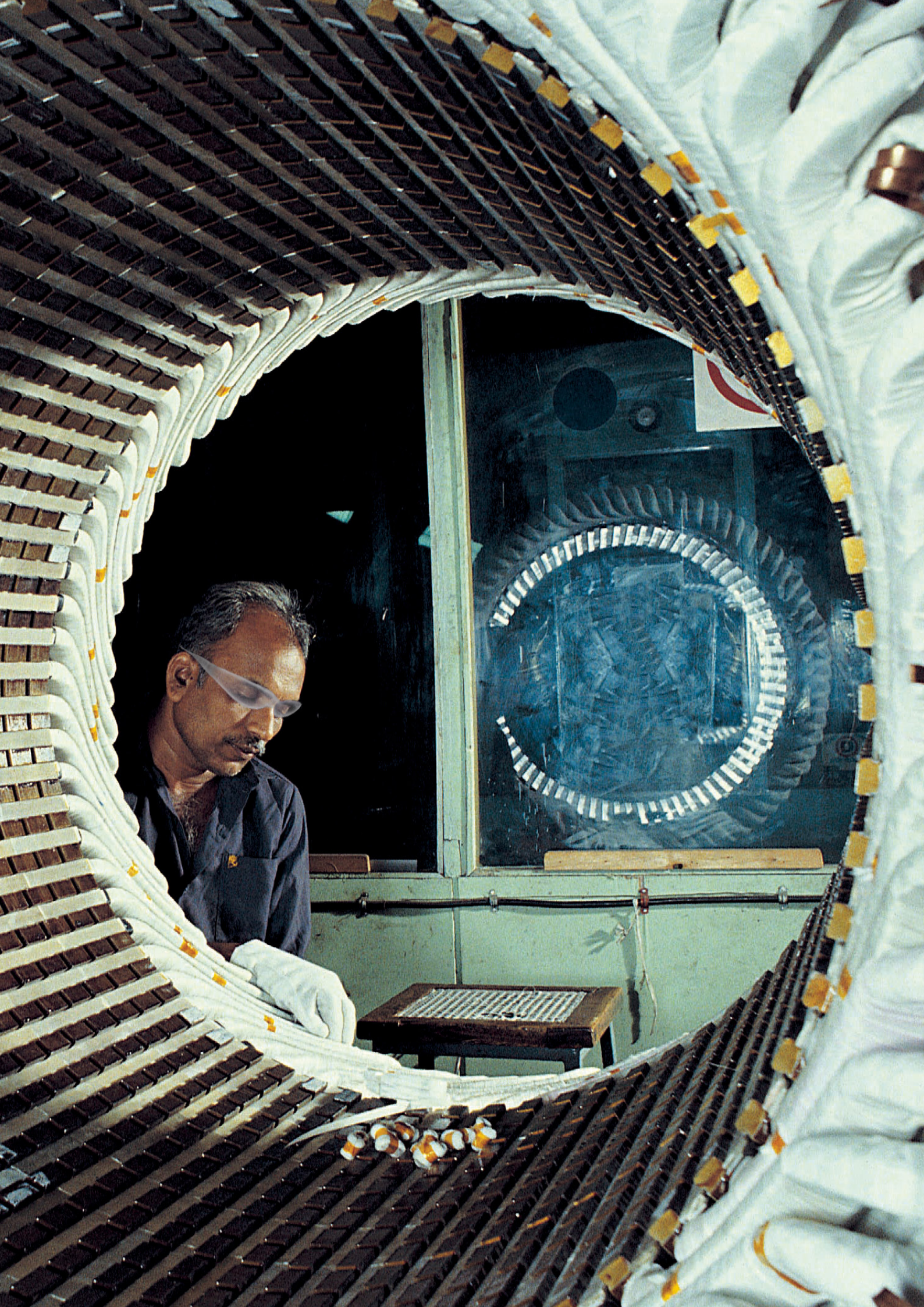
Conversion table

Stud size chart

Stud size chart

Stud size				
Metric			**Inches (US)**	
		Diameter		**Diameter**
M2		2.0mm (0.080’’)	#2	0.086’’ (2.144mm)
M2,5		2.5mm (0.100’’)	#4	0.112’’ (2.844mm)
M3		3.0mm (0.120’’)	#5	0.125’’ (3.175mm)
M3,5		3.5mm (0.140’’)	#6	0.138’’ (3.505mm)
M4		4.0mm (0.176’’)	#8	0.164’’ (4.166mm)
M5		5.0mm (0.20’’)	#10	0.190’’ (4.826mm)
M6		6.0mm (0.24’’)	1/4	0.250’’ (6.350mm)
M8		8.0mm (0.32’’)	5/16	0.3125’’ (7.938mm)
M10		10.0mm (0.40’’)	3/8	0.375’’ (9.525mm)
M12		12.0mm (0.48’’)	7/16	0.4375’’ (11.113mm)
M16		16.0mm (0.64’’)	1/2	0.500’’ (12.700mm)
M18		18.0mm (0.72’’)	5/8	0.625’’ (15.875mm)
			3/4	0.750’’ (19.050mm)

Ref: ISO 263-1973 for inch stud sizes and ISO 262-1973 for metric stud sizes.



Dragon Tooth®
Insulation piercing connectors

The Dragon Tooth® insulation piercing connectors for magnet wire penetrate the insulation and oxide layers to make a reliable electrical contact, eliminating the need for stripping, brazing, welding or other methods of joining magnet wire.

In the conventional methods, different techniques are used to remove the insulating varnish: scratching, brushing, burning-off, dissolving. These methods are all costly and time consuming, and they generally lead to a risk of damage to the conductors and to a risk of injury of the operator. Health and environmental considerations can also be an issue.

It can be challenging to splice and terminate magnet wire commonly used in electric motors and transformers due to the tough, high-temperature insulation. The durability of magnet wire insulation has made dip-soldering or brazing extremely difficult without stripping the insulation.

Another splicing and terminating challenge involves the use of aluminium for magnet applications. A manufacturer connecting aluminium magnet wire to copper is faced with the problem of the different coefficients of thermal expansion of the two metals, galvanic corrosion, cold flow and the rapid formation of oxide film on the wire surface.

ABB offers a solution for a highly reliable connection method for magnet wire, which eliminates welding, no longer requires removal of insulation and which can be installed in seconds.

No special operator skills are needed. The connector and matching tooling do the entire job. To meet the essential requirements of magnet wire connections, ABB offers the insulation piercing Dragon Tooth® compression connector.

The result is a gas-tight, permanent connection with an exceptionally low contact resistance, capable of maintaining contact integrity throughout the life of the connection. Dragon Tooth® connectors transform the perpendicular compression force, which would normally contribute to conductor creep, into distributive forces that effectively resist cold flow.

These connectors are made of copper alloy, tin plated, with a number of teeth on the inner surface. When the connector is compressed onto an insulated magnet wire, the sharp hardened teeth penetrate the insulation and the oxide and bite into the conductor. An electrically sound, low-resistance connection is established as a result of the combination of high pressures at the tip and edges of the teeth and the sliding action between the teeth and the conductor.

Dragon Tooth® – Insulation piercing connectors

Overview

Dragon Tooth® connectors and installing tools are designed to splice, tap and terminate copper magnet wire from 0.03 to 120mm² and aluminium magnet wire from 0.5 to 120mm² in motor and transformer applications.

- Can be installed in seconds
- Requires minimal training for installation
- Made of copper alloy, tin plated, with a number of teeth on the inner surface
- Splices and taps have an open side permitting easy access to wire and makes internal coil tapping possible (mid-span tapping and splicing)
- For aluminium to copper, aluminium to aluminium, or copper to copper magnet wire connections
- Ring terminals with bolt holes to accommodate M3 through M12 studs
- Male and female 6.35mm x 0.8mm (0.25in x 0.03in) disconnects
- Splices and fork terminals accommodate wire sizes 0.21mm² to 3.3mm² in a variety of combinations, including combining magnet wire with stripped wire lead.
- Larger connectors accommodate cross-sections from 25mm² to 120mm²
- Transition washers with teeth to penetrate aluminium and copper oxides, enabling copper to aluminium connections to be made in a bolted joint without the use of inhibiting compounds
- Transition washers also accommodate the difference in thermal expansion between copper and aluminium, and enhance the efficiency of bolted grounding connections
- Connector and matching tooling do the entire job

How to select a connector

1. Define the total cross-section (CMA) of the conductors
2. In the Ordering Information tables, refer to either Round Wire column, or Rectangular column, depending on the type you are using, and check any limitations (such as max. wire i.e. width/height). If there are limitations, you may have to make a selection from next larger size
3. Select the appropriate tool and die

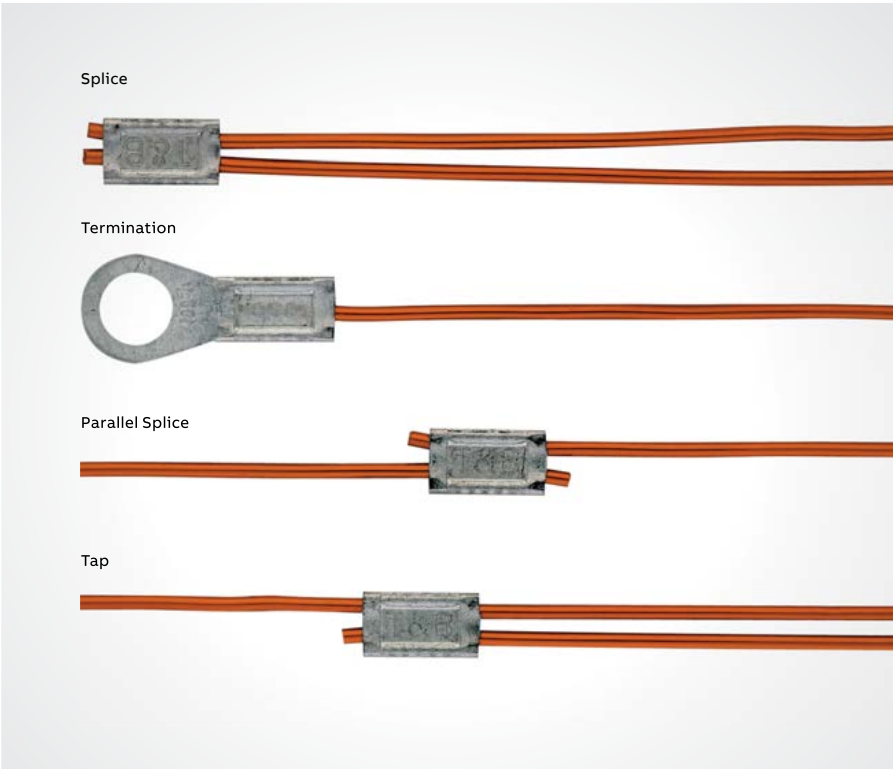
Formula for calculating Circular Mil Area (CMA)

For square or rectangular wire:

- Thickness(mm) x Width(mm) x 1973.5 = CMA (for dimensions in mm)
- Thickness x Width x 1.273 x 10^6 = CMA (for dimensions in inch)

For round wire:

- Diameter(mm)² x 1550 = CMA (for diameter in mm)
- Diameter² x 10^6 = CMA (for diameter in inch)



Dragon Tooth® – Insulation piercing connectors

Splices

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Splices

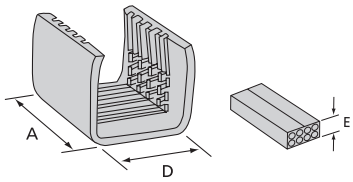
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm^2)	Circular Mil. area (mm/in)	Round wire range min - max mm/(in)	Rectangular wire range Thickness min - max mm/(in)	Width min - max mm/(in)
22L004	7TAI029030R0020	3.8 (0.15)	2.8 (0.11)	1.3 (0.05)	0.23 - 0.87	128 - 2,028	0.20 - 1.00** (0.01 - 0.04**)	–	–
22L001	7TAI029030R0018	8.1 (0.32)	4.1 (0.16)	2.5 (0.10)	0.20 - 2.10	808 - 5,162	0.50 - 1.45** (0.02 - 0.06**)	0.50 - 1.25 (0.02 - 0.05)	0.50 - 2.50 (0.02 - 0.10)
22L002	7TAI029030R0019	8.1 (0.32)	6.4 (0.25)	2.5 (0.10)	1.00 - 3.30	2,048 - 9,110	0.50 - 1.40** (0.02 - 0.06**)	0.50 - 1.25 (0.02 - 0.05)	0.50 - 2.80 (0.02 - 0.11)
22L006	7TAI029010R0014	11.5 (0.45)	6.4 (0.25)	3.3 (0.13)	1.30 - 6.24	2,580 - 12,330	1.30 - 2.05 (0.05 - 0.08)	1.30 - 1.50 (0.05 - 0.06)	1.30 - 4.10 (0.05 - 0.06)
22L008	7TAI029010R0015	17.8 (0.70)	12.7 (0.50)	3.8 (0.15)	6.50 - 15.50	12,960 - 30,550	1.00 - 1.30 (0.04 - 0.05	1.00 - 1.60 (0.04 - 0.06)	1.60 - 9.53 (0.06 - 0.38)
22L009	7TAI029010R0016	17.8 (0.70)	14.0 (0.55)	5.6 (0.22)	18.30 - 43.60	36,120 - 86,000	1.30 - 2.58 (0.05 - 0.10)	2.00 - 4.60 (0.08 - 0.18)	2.00 - 9.50 (0.08 - 0.37)

* Reference dimension (crimped height): see installing die illustration for gauging
** Not recommended for aluminium magnet wire finer than $0.4mm^2$
*** Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Splices

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Splices

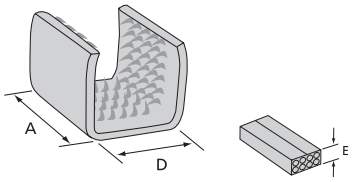
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min - max mm/(in)	Rectangular wire range Thickness min - max mm/(in)	Width min - max mm/(in)
210214S	7TAI029010R0007	15.9 (0.63)	9.5 (0.37)	4.3 (0.17)	2.00 - 10.52	4,110 - 20,760	1.63 (a) - 2.58 (0.06 (a) - 0.10)	2.00 - 2.30 (0.08 - 0.09)	2.00 - 4.57 (0.08 - 0.18)
204210S	7TAI029010R0002	17.5 (0.69)	13.5 (0.53)	6.3 (0.25)	5.20 - 26.60	10,380 - 52,480	2.05 (b) - 6.54 (c) (0.08 (b) - 0.26 (c)	2.50 - 4.10 (0.10 - 0.16)	2.50 - 6.35 (0.10 - 0.25)

* Reference dimension (crimped height): see installing die illustration for gauging
(a) Four wires max
(b) Six wires max
(c) Crimping dies may not bottom. Connector height will depend on number and sizes of wires in barrel. Pump must deliver 9800 PSI minimum
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Splices

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Splices

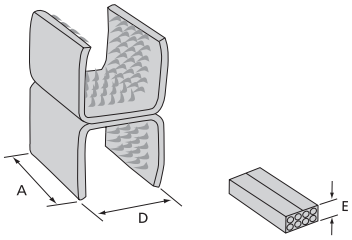
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
204210SH	7TAI029010R0003	17.5 (0.69)	13.5 (0.53)	11.9 (0.47)	(5.20 - 26.60) x 2	20,760 - 104,960	2.05 (a) - 6.5 (b) (0.08 (a) - 0.26 (b))	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.6 (0.10 - 0.26)

* Reference dimension (crimped height): see installing die illustration for gauging
(a) Six wires max each barrel
(b) Conductors larger than 13mm² require special dies
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Splices

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Splices

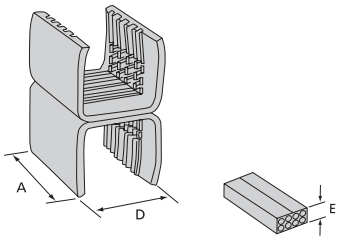
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm^2)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
22L009H	7TAI029020R0017	17.8 (0.70)	13.8 (0.54)	9.7 (0.38)	(18.25 - 33.5) x 2	72,000 - 132,000	1.3 - 4.6 (0.05 - 0.18)	2.0 - 4.5 (0.08 - 0.18)	2.0 - 9.7 (0.08 - 0.38)

* Reference dimension (crimped height): see installing die illustration for gauging
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Splices

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Splices

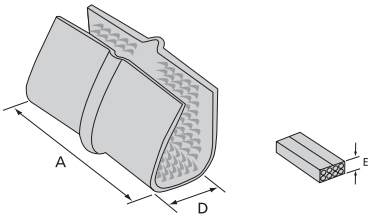
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
220015	7TAI029010R0010	38.1 (1.50)	22.5 (0.89)	(a)	25 - 58	50,000 - 115,000	2.5 - 4.4 (0.10 - 0.17)	7.6 - 15.9 (0.30 - 0.63)
220019**	7TAI029020R0012	38.1 (1.50)	22.5 (0.89)	(a)	55 - 88	110,000 - 175,000	4.4 - 8.3 (0.17 - 0.33)	7.6 - 15.9 (0.30 - 0.63)
220023	7TAI029020R0014	44.5 (1.75)	22.5 (0.89)	(a)	55 - 115	165,000 - 230,000	4.4 - 8.3 (0.17 - 0.33)	7.6 - 15.9 (0.30 - 0.63)

* Reference dimension (crimped height): see installing die illustration for gauging
** Not UL recognised
(a) Crimping dies may not bottom. Connector height will depend on number and sizes of wires in barrel. Pump must deliver 9.800 psi min.
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

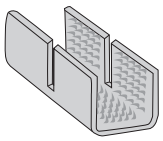
E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Splices



Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Splices

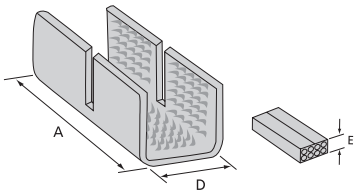
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm^2)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
314118S	7TAI029030R0028	16.0 (0.63)	9.7 (0.38)	3.3 (0.13)	1.65 - 6.25	3,260 - 12,330	1.45 - 1.83 (0.06 - 0.07)	1.27 - 1.52 (0.05 - 0.06)	1.27 - 4.57 (0.05 - 0.18)

* Reference dimension (crimped height): see installing die illustration for gauging
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

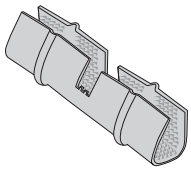
E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Splices



Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Splices

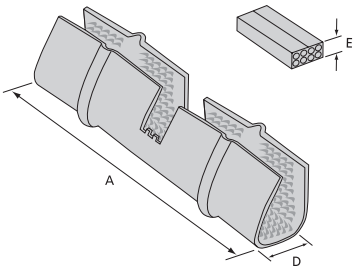
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
220016	7TAI029030R0009	79.5 (3.13)	22.5 (0.89)	(a)	(25.0 - 58.0) x 2	50,000 - 115,000	2.5 - 4.4 (0.10 - 0.17)	7.6 - 15.9 (0.30 - 0.63)
220020	7TAI029030R0011	79.5 (3.13)	22.5 (0.89)	(a)	(55.0 - 88.6) x 2	110,000 - 175,000	4.4 - 6.35 (0.17 - 0.25)	7.6 - 15.9 (0.30 - 0.63)
220024	7TAI029010R0012	92.2 (3.63)	22.5 (0.89)	(a)	(55.0 - 116.0) x 2	165,000 - 230,000	6.35 - 8.25 (0.25 - 0.32)	7.6 - 15.9 (0.30 - 0.63)

* Reference dimension (crimped height): see installing die illustration for gauging
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications
(a) Crimping dies may not bottom. Connector height will depend on number and sizes of wires in barrel. Pump must deliver 9.800 psi min.

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Ring terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Ring terminals

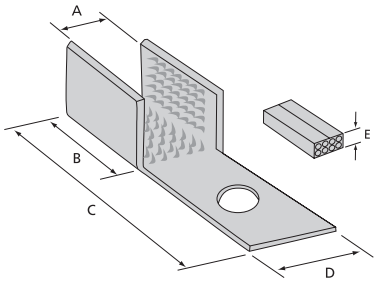
Product ref.	GID number	USA stud size **	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Rectangular wire range Width min-max mm/(in)
210219	7TAI029020R0007	8	9.5 (0.37)	14.3 (0.56)	31.0 (1.22)	10.3 (0.41)	4.3 (0.17)	2.1 - 10.5	4,110 - 20,760	1.63 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.5 (0.08 - 0.18)
210217	7TAI029010R0008	10	9.5 (0.37)	14.3 (0.56)	31.0 (1.22)	10.3 (0.41)	4.3 (0.17)	2.1 - 10.5	4,110 - 20,760	1.63 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.5 (0.08 - 0.18)
210216	7TAI029020R0006	¼	9.5 (0.37)	14.3 (0.56)	31.0 (1.22)	10.3 (0.41)	4.3 (0.17)	2.1 - 10.5	4,110 - 20,760	1.63 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.5 (0.08 - 0.18)
204217	7TAI029010R0004	10	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	12.7 (0.50)	6.4 (0.25)	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (0.08 (b) - 0.26 (c))	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.35 (0.10 - 0.25)
204212	7TAI029020R0005	¼	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	12.7 (0.50)	6.4 (0.25)	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (2.05 (b) - 0.26 (c))	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.35 (0.10 - 0.25)
314125***	7TAI029030R0029	10	9.7 (0.38)	14.2 (0.56)	31.0 (1.22)	10.3 (0.41)	6.9 (0.27)	1.7 - 6.2	3,260 - 12,330	1.45 - 1.83 (0.06 - 0.07)	1.27 - 1.52 (0.05 - 0.06)	1.27 - 4.57 (0.05 - 0.18)
314123***	7TAI029020R0019	¼	9.7 (0.38)	14.2 (0.56)	35.7 (1.41)	10.3 (0.41)	6.9 (0.27)	1.7 - 6.2	3,260 - 12,330	1.45 - 1.83 (0.06 - 0.07)	1.27 - 1.52 (0.05 - 0.06)	1.27 - 4.57 (0.05 - 0.18)

(a) Four wires max
(b) Six wires max
(c) Conductors larger than 13mm² require special dies
* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
*** Not UL recognised
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Ring terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

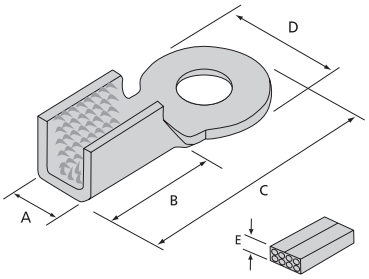
Ring terminals

Product ref.	GID number	USA stud size **	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Rectangular wire range Width min-max mm/(in)
210214-1	7TAI029010R0005	¼	9.5 (0.37)	14.3 (0.56)	35.7 (1.41)	17.5 (0.69)	4.3 (0.17)	2.0 - 10.5	4,110 - 20,760	1.6 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.6 (0.08 - 0.18)
210214-2	7TAI029030R0004	5/16	9.5 (0.37)	14.3 (0.56)	35.7 (1.41)	17.5 (0.69)	4.3 (0.17)	2.0 - 10.5	4,110 - 20,760	1.6 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.6 (0.08 - 0.18)
210214-3	7TAI029030R0005	⅜	9.5 (0.37)	14.3 (0.56)	35.7 (1.41)	17.5 (0.69)	4.3 (0.17)	2.0 - 10.5	4,110 - 20,760	1.6 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.6 (0.08 - 0.18)
204210-1	7TAI029010R0000	¼	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	20.6 (0.81)	6.3 (0.25)	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (0.08 (b) - 0.26 (c))	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.6 (0.10 - 0.27)
204210-2	7TAI029020R0001	5/16	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	20.6 (0.81)	6.3 (0.25)	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (0.08 (b) - 0.26 (c))	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.6 (0.10 - 0.27)
204210-3	7TAI029020R0002	⅜	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	20.6 (0.81)	6.3 (0.25)	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (0.08 (b) - 0.26 (c))	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.6 (0.10 - 0.27)
204210-5	7TAI029020R0004	½	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	20.6 (0.81)	6.3 (0.25)	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (0.08 (b) - 0.26 (c))	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.6 (0.10 - 0.27)

(a) Four wires max
(b) Six wires max
(c) Conductors larger than 13mm² require special dies
* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

Dimensions



Dragon Tooth® – Insulation piercing connectors

Ring terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Ring terminals

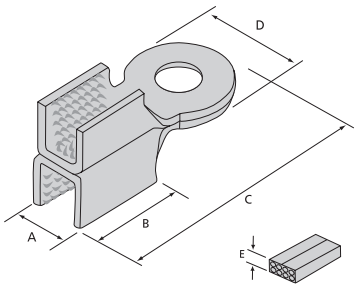
Product ref.	GID number	USA stud size **	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Rectangular wire range Width min-max mm/(in)
210219	7TAI029020R0007	8	9.5 (0.37)	14.3 (0.56)	31.0 (1.22)	10.3 (0.41)	4.3 0.17	2.1 - 10.5	4,110 - 20,760	1.63 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.5 (0.08 - 1.78)
210217	7TAI029010R0008	10	9.5 (0.37)	14.3 (0.56)	31.0 (1.22)	10.3 (0.41)	4.3 0.17	2.1 - 10.5	4,110 - 20,760	1.63 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.5 (0.08 - 1.78)
210216	7TAI029020R0006	¼	9.5 (0.37)	14.3 (0.56)	31.0 (1.22)	10.3 (0.41)	4.3 0.17	2.1 - 10.5	4,110 - 20,760	1.63 (a) - 2.58 (0.06 (a) - 0.10)	2.0 - 2.3 (0.08 - 0.09)	2.0 - 4.5 (0.08 - 1.78)
204217	7TAI029010R0004	10	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	12.7 (0.50)	6.4 0.25	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (0.08 (b) - 0.06 (c)	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.35 (0.10 - 0.25)
204212	7TAI029020R0005	¼	13.5 (0.53)	15.5 (0.61)	40.1 (1.58)	12.7 (0.50)	6.4 0.25	5.2 - 26.6	10,380 - 52,480	2.05 (b) - 6.5 (c) (0.08 (b) - 0.06 (c)	2.5 - 4.1 (0.10 - 0.16)	2.5 - 6.35 (0.10 - 0.25)
314125***	7TAI029030R0029	10	9.7 (0.38)	14.2 (0.56)	31.0 (1.22)	10.3 (0.41)	6.9 0.27	1.7 - 6.2	3,260 - 12,330	1.45 - 1.83 (0.06 - 0.07)	1.27 - 1.52 (0.05 - 0.06)	1.27 - 4.57 (0.05 - 0.18)
314123***	7TAI029020R0019	¼	9.7 (0.38)	14.2 (0.56)	35.7 (1.41)	10.3 (0.41)	6.9 0.27	1.7 - 6.2	3,260 - 12,330	1.45 - 1.83 (0.06 - 0.07)	1.27 - 1.52 (0.05 - 0.06)	1.27 - 4.57 (0.05 - 0.18)

(a) Four wires max
(b) Six wires max
(c) Conductors larger than 13mm² require special dies
* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
*** Not UL recognised
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Ring terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Ring terminals

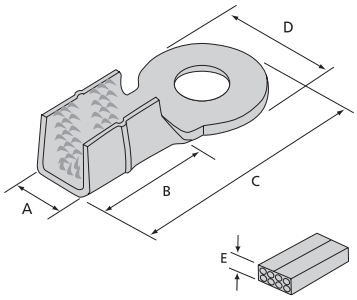
Product ref.	GID number	USA stud size **	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
220017	7TAI029010R0011	⅜	22.4 (0.88)	38.1 (1.5)	70.1 (2.76)	26.9 (1.06)	(a)	25.3 - 58.2	50,000 - 115,000	2.5 - 4.4 (0.10 - 0.17)	7.6 - 15.9 (0.30 - 0.63)
220018	7TAI029030R0010	½	22.4 (0.88)	38.1 (1.5)	70.1 (2.76)	26.9 (1.06)	(a)	25.3 - 58.2	50,000 - 115,000	2.5 - 4.4 (0.10 - 0.17)	7.6 - 15.9 (0.30 - 0.63)
220021 (b)	7TAI029020R0013	⅜	22.4 (0.88)	38.1 (1.5)	70.1 (2.76)	26.9 (1.06)	(a)	55.7 - 88.7	110,000 - 175,000	4.4 - 6.4 (0.17 - 0.25)	7.6 - 15.9 (0.30 - 0.63)
220022 (b)	7TAI029030R0012	½	22.4 (0.88)	38.1 (1.5)	70.1 (2.76)	26.9 (1.06)	(a)	55.7 - 88.7	110,000 - 175,000	4.4 - 6.4 (0.17 - 0.25)	7.6 - 15.9 (0.30 - 0.63)
220025	7TAI029010R0013	⅜	22.4 (0.88)	38.1 (1.5)	70.1 (2.76)	26.9 (1.06)	(a)	55.7 - 116.8	110,000 - 230,000	4.4 - 8.3 (0.17 - 0.33)	7.6 - 15.9 (0.30 - 0.63)
220026	7TAI029030R0013	½	22.4 (0.88)	38.1 (1.5)	70.1 (2.76)	26.9 (1.06)	(a)	55.7 - 116.8	110,000 - 230,000	4.4 - 8.3 (0.17 - 0.33)	7.6 - 15.9 (0.30 - 0.63)

(a) Crimping dies may not bottom. Connector height will depend on number and size of wires in barrel. Pump must deliver 9.800 psi min.
(b) Not UL approved
* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Ring terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Ring terminals

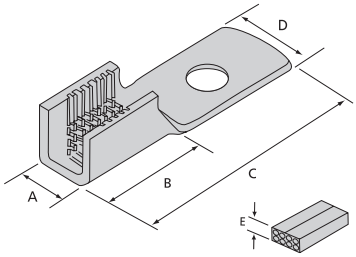
Product ref.	GID number	USA stud size **	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Rectangular wire range Width min-max mm/(in)
22R061	7TAI029980R0017	6	4.1 (0.16)	8.1 (0.32)	19.8 (0.78)	7.6 (0.30)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.51 - 1.45 (a) (0.02 - 0.06 (a))	0.51 - 1.27 (0.02 - 0.05)	0.51 - 2.54 (0.02 - 0.10)
22R081	7TAI029030R0024	8	4.1 (0.16)	8.1 (0.32)	19.8 (0.78)	7.6 (0.30)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.51 - 1.45 (a) (0.02 - 0.06 (a))	0.51 - 1.27 (0.02 - 0.05)	0.51 - 2.54 (0.02 - 0.10)
22R101	7TAI029980R0019	10	4.1 (0.16)	8.1 (0.32)	19.8 (0.78)	7.6 (0.30)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.51 - 1.45 (a) (0.02 - 0.06 (a))	0.51 - 1.27 (0.02 - 0.05)	0.51 - 2.54 (0.02 - 0.10)
22R086	7TAI029030R0025	8	6.4 (0.25)	11.5 (0.46)	23.1 (0.91)	7.6 (0.30)	2.5 (0.10)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.08)	1.27 - 4.06 (0.05 - 0.16)
22R106	7TAI029030R0026	10	6.4 (0.25)	11.5 (0.46)	23.1 (0.91)	7.6 (0.30)	2.5 (0.10)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.08)	1.27 - 4.06 (0.05 - 0.16)

(a) 0.51 - 0.64mm diameter and equivalent rectangular wire size, copper only
* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

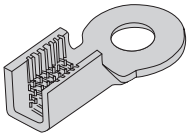
E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Ring terminals



Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

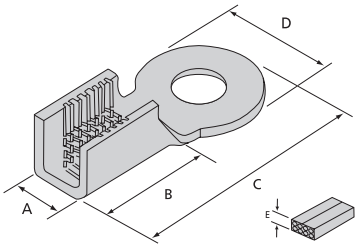
Ring terminals

Product ref.	GID number	USA stud	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Rectangular wire range Width min-max mm/(in)
22R146	7TAI029030R0027	¼	6.4 (0.25)	11.5 (0.45)	24.2 (0.95)	10.7 (0.42)	3.3 (0.13)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.8)	1.27 - 4.06 (0.05 - 0.16)

* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

Dimensions



Dragon Tooth® – Insulation piercing connectors

Fork terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Fork terminals

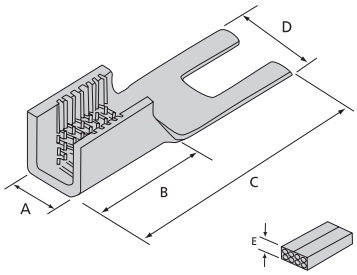
Product ref.	GID number	USA stud	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Rectangular wire range Width min-max mm/(in)
22F061	7TAI029030R0014	6	4.1 (0.16)	8.1 (0.32)	19.8 (0.78)	7.6 (0.30)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.51 - 1.45 (a) (0.02 - 0.06 (a))	0.51 - 1.27 (0.02 - 0.05)	0.51 - 2.54 (0.02 - 0.10)
22F081	7TAI029030R0015	8	4.1 (0.16)	8.1 (0.32)	19.8 (0.78)	7.6 (0.30)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.51 - 1.45 (a) (0.02 - 0.06 (a))	0.51 - 1.27 (0.02 - 0.05)	0.51 - 2.54 (0.02 - 0.10)
22F101	7TAI029030R0017	10	4.1 (0.16)	8.1 (0.32)	19.8 (0.78)	7.6 (0.30)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.51 - 1.45 (a) (0.02 - 0.06 (a))	0.51 - 1.27 (0.02 - 0.05)	0.51 - 2.54 (0.02 - 0.10)
22F066	7TAI029020R0015	6	6.4 (0.25)	11.4 (0.45)	23.1 (0.91)	7.6 (0.30)	3.3 (0.13)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.08)	1.27 - 4.06 (0.05 - 0.16)
22F086	7TAI029030R0016	8	6.4 (0.25)	11.4 (0.45)	23.1 (0.91)	7.6 (0.30)	3.3 (0.13)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.08)	1.27 - 4.06 (0.05 - 0.16)
22F106	7TAI029020R0016	10	6.4 (0.25)	11.4 (0.45)	23.1 (0.91)	7.6 (0.30)	3.3 (0.13)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.08)	1.27 - 4.06 (0.05 - 0.16)

(a) 0.51 - 0.64mm diameter and equivalent rectangular wire size, copper only
* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Disconnect terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Disconnect terminals

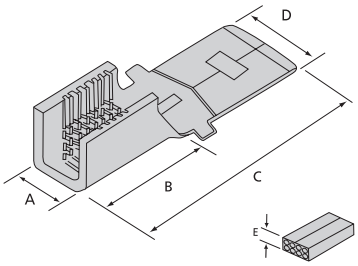
Product ref.	GID number	Male tab size (mm x mm) (in x in)	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm^2)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
22LM01**	7TAI029030R0023	6.35 x 0.8 (0.25 x 0.03)	4.1 (0.16)	8.1 (0.32)	19.3 (0.76)	6.4 (0.25)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.50 - 1.45** (0.02 - 0.06)**	0.51 - 1.27 (0.02 - 0.05)	0.5 - 2.5 (0.02 - 0.10)
22LM06	7TAI029030R0023	6.35 x 0.8 (0.25 x 0.03)	6.4 (0.25)	11.5 (0.45)	23.0 (0.91)	6.4 (0.25)	3.3 (0.13)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.08)	1.3 - 4.1 (0.05 - 0.16)

* Reference dimension (crimped height): see installing die illustration for gauging
Use selection chart to determine appropriate die set (pages 130 and 131)
** 0.51 - 0.64mm diameter and equivalent wire size, copper only
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Fork terminals

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Fork terminals

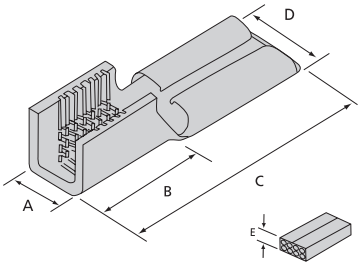
Product ref.	GID number	Male tab size (mm x mm) (in x in)	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
22LF01**	7TAI029030R0022	6.35 x 0.8 (0.25 x 0.03)	4.1 (0.16)	8.1 (0.32)	20.1 (0.79)	6.4 (0.25)	2.5 (0.10)	0.2 - 2.1	404 - 4,100	0.50 - 1.45** (0.02 - 0.06**)	0.51 - 1.27 (0.02 - 00.5)	0.5 - 2.5 (0.02 - 0.10)
22LF06	7TAI029020R0018	6.35 x 0.8 (0.25 x 0.03)	6.4 (0.25)	11.5 (0.45)	23.0 (0.91)	6.4 (0.25)	3.3 (0.13)	1.3 - 6.2	2,580 - 12,330	1.29 - 2.05 (0.05 - 0.08)	1.27 - 2.03 (0.05 - 0.08)	1.3 - 4.1 (0.05 - 0.16)

* Reference dimension (crimped height): see installing die illustration for gauging
Use selection chart to determine appropriate die set (pages 130 and 131)
** 0.51 - 0.64mm diameter and equivalent wire size, copper only
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Taps

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Taps

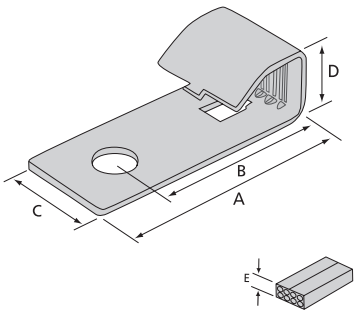
Product ref.	GID number	USA stud	Dimensions mm/(in) A	B	C	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
204T14	7TAI029980R0007	¼	41.2 (1.62)	31.0 (1.22)	17.8 (0.70)	12.7 (0.5)	5.6 (0.22)	5.2 - 26.6	10,310 - 52,480	2.58 - 4.1 (0.10 - 0.16)	2.3 - 2.9 (0.09 - 0.11)	2.3 - 8.1 (0.09 - 0.32)

* Reference dimension (crimped height): see installing die illustration for gauging
** USA stud size: see page 132 for metric conversion
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Modular connectors

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Modular connectors

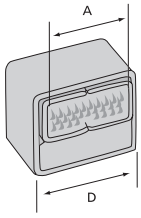
Product ref.	GID number	Dimensions mm/(in) A	D	E*	Combined wire size (mm²)	Circular Mil. area (mm/in)	Round wire range min-max mm/(in)	Rectangular wire range Thickness min-max mm/(in)	Width min-max mm/(in)
210214MT	7TAI029010R0001	16.0 (0.63)	19.1 (0.75)	(a)	10.1 - 53.2	20,000 - 105,000	1.8 - 4.62 (0.07 - 018)	Upper half: 2.0 - 3.8 (0.08 - 0.15) Lower half: 6.4 max. (0.25 max.)	Upper half: 2.0 - 12.4 (0.08 - 0.49) Lower half: 19.1 max. (0.75 max.)
204210MT	7TAI029010R0006	23.8 (0.94)	26.2 (1.03)	(a)	45.6 - 108.9	90,000 - 215,000	2.6 - 5.84 (0.10 - 0.23)	Upper half: 2.5 - 6.8 (0.10 - 0.27) Lower half: 6.4 max. (0.25 max.)	Upper half: 2.5 - 23.4 (0.10 - 0.92) Lower half: 26.2 max. (1.03 max.)

* Reference dimension (crimped height): see installing die illustration for gauging
(a) Crimping dies may not bottom. Connector height will depend on number and size of wires in barrel. Pump must deliver 9.800 psi min.
** combined wire size is for the whole connector (including upper half and lower half)
Use selection chart to determine appropriate die set (pages 130 and 131)
Pages 127 to 129 for tooling specifications

NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

E9809

Dimensions



Dragon Tooth® – Insulation piercing connectors

Modular connectors

Technical information

- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

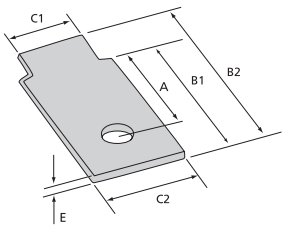
Modular connectors

Product ref.	GID number	USA stud size**	Dimensions mm/(in) A	B1	B2	C1	C2	D	E	Description
210MT14	7TAI029030R0007	¼	25.4 (1.00)	36.3 (1.43)	52.1 (2.05)	15.9 (0.63)	20.6 (0.81)	-	2.0 (0.08)	Screw-on clip for connectors 210214MT
210MT38	7TAI029030R0003	⅜	25.4 (1.00)	36.3 (1.43)	52.1 (2.05)	15.9 (0.63)	20.6 (0.81)	-	2.0 (0.08)	Screw-on clip for connectors 210214MT
204MT14	7TAI029030R0002	¼	25.4 (1.00)	36.8 (1.45)	55.4 (2.18)	23.2 (0.91)	23.2 (0.91)	28.6 (1.13)	2.5 (0.10)	Screw-on clip for connectors 204210MT
204MT38	7TAI029030R0008	⅜	25.4 (1.00)	36.8 (1.45)	55.4 (2.18)	23.2 (0.91)	23.2 (0.91)	28.6 (1.13)	2.5 (0.10)	Screw-on clip for connectors 204210MT

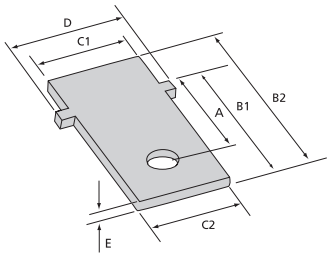
NOTE: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

Dimensions

210MT14
210MT38



204MT14
204MT38



Dragon Tooth® – Insulation piercing connectors

Washers

Characteristics

Teeth on the transition washers penetrate aluminium and copper oxides, enabling copper to aluminium connections to be made in a bolted joint without the use of inhibiting compounds. Transition washers also accommodate the difference in thermal expansion between copper and aluminium, and enhance the efficiency of bolted grounding connections.

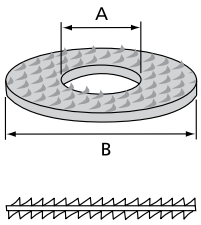
Technical information

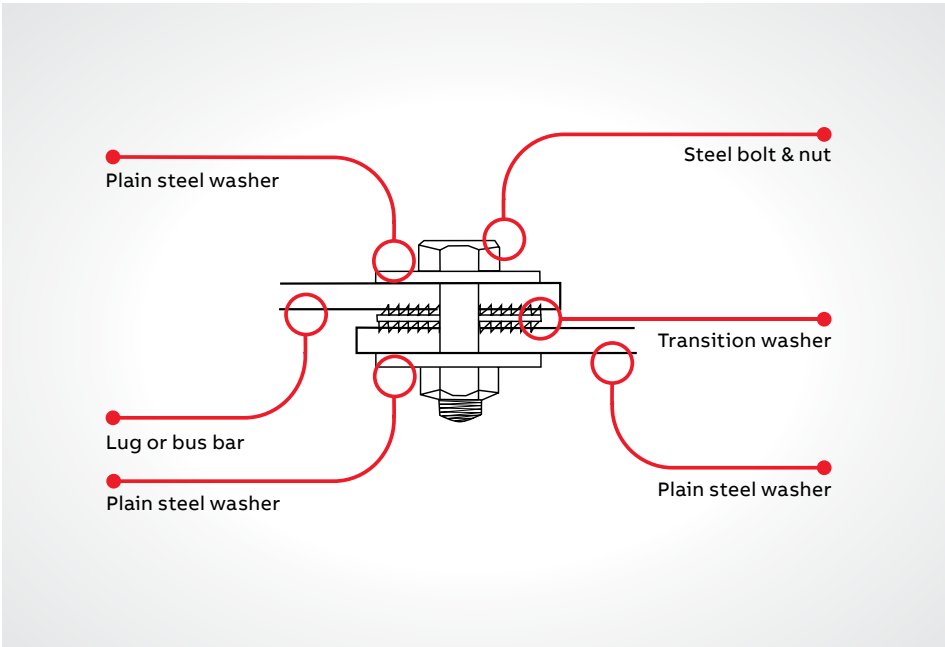
- Material: Copper alloy
- Plating: Tin plated
- Colour: Metallic

Washers

Product ref.	GID number	USA stud size*	A mm/(in)	B mm/(in)	Recommended installing torque (Nm)
FPW14	7TAI029030R0031	¼	6.9 (0.27)	17.3 (0.68)	5.5 - 9
FPW516	7TAI029030R0034	5/16	8.6 (0.34)	25.4 (1.00)	14 - 18
FPW38	7TAI029030R0032	⅜	10.9 (0.43)	25.4 (1.00)	18 - 27
FPW12	7TAI029030R0030	½	14.2 (0.56)	31.8 (1.25)	44 - 61
FPW58	7TAI029030R0035	⅝	17.3 (0.68)	35.6 (1.40)	61 - 82.5

Dimensions





Dragon Tooth® – Crimping tools

Hand tools & air-operated tools

Hand tools

Characteristics

These manually operated tools are suitable for prototyping and limited production usage. They are equipped with a Shure-Stake® mechanism, which requires full closure of the dies before release. Appropriate to crimp butt splices, parallel splices, taps and terminations. Dies are self-contained.

Technical information

- Ergonomic fixed die tool
- Incorporates the ergonomically designed Comfort Crimp™ tool handles which distribute the force more evenly across the hand
- Shure-Stake® mechanism ensures a complete crimp cycle before the tool releases
- Rubberised thermoplastic handles combine maximum friction with a soft, comfortable feel that reduces muscle tension
- Two-piece movable die nest provides easy connector removal

Hand tools

Product ref.	GID number	Tool gauging mm/(in)	Connector
ERG4801	7TAA131230R0007	1.75 max. (0.07 max.)	22,F,L,R-1 Series
ERG4802	7TAA131230R0008	1.93 max. (0.08 max.)	22L002
ERG4804	7TAA131230R0009	0.86 max.(0.03 max.)	22L004
ERG4806	7TAA131220R0002	2.41 max. (0.09 max.)	22,F,L,R-6 Series
ERG4811	7TAA131230R0010	2.62 max. (0.10 max.)	214420

Air-operated tools

Product Ref.: BAIR22-6
GID number: 7TAA131180R0001
Heavy-duty bench-top air crimp tool

Characteristics

- Compact Pneumatic Bench Mount, Shure-Stake Mechanism, Foot Pedal Operated
- The 4 interchangeable dies can crimp 22xxx1, 22xxx2, 22xxx4 and 22xxx6 series terminals and need to be ordered separately.
- Delivers 1.28 tons of crimping force at 100 psi
- Dimensions: (L x H x W): 635 x 680 x 260mm (25 x 26.77 x 10.24in)
- Weight without dies: 1.13kg

Product Ref.: PAIR22-6
GID number: 7TAA131180R0002
Pneumatic operated hydraulic crimping tool is hand actuated

Characteristics

- The 4 interchangeable dies can crimp 22xxx1, 22xxx2, 22xxx4 and 22xxx6 series terminals and need to be ordered separately.
- Delivers 1.25 tons of crimping force at 100 psi
- Overall length: 356mm (14.02in)
- Weight without dies: 1.13kg

BAIR22-6 and PAIR22-6 die selection chart

Product ref.	GID number	Connection
DIE1801	7TAA131150R0067	22,F,L,R-1 Series
DIE1802	7TAI029980R0140	22L002
DIE1804	7TAI029980R0141	22L004
DIE1806	7TAA131150R0068	22 F,L, R-6 series

Dragon Tooth® – Crimping tools

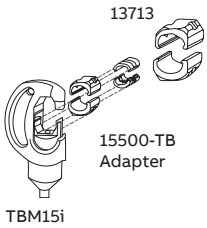
Hydraulic tools

Product Ref.: 13100A
GID number: 7TAA131620R0000

Characteristics
- 14 Ton hydraulic head
- Output: 14 tons (nominal)
- Hydraulic operating pressure: 10,000 psi max., 690 bar
- Length (with coupling): 292mm (11.50in)
- Width: 108mm (4.25in)
- Weight (without dies): 4.5kg
- Dies delivered separately

Product Ref.: TBM15i
GID number: 7TAA131620R0003

Characteristics
- 15 Ton hydraulic head
- New longer, slimmer profile allows easier access into tight spaces
- Wider jaw opening eases crimping of larger connectors
- Available with an insulated head
- Supplied in a carrying case in steel
- Output force: 15 tons (nominal)
- Operating pressure: 10,000 psi (nominal), 690 bar
- Weight: 7kg (without dies)
- Dies delivered separately



Installing dies for 13100A and TBM15i tool heads

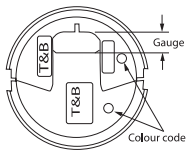
Characteristics
- Material: alloy steel
- For the TBM15i, the 15500TB adapter is required
- The die Nr 13713 is for the TBM15i tool head only (no adapter required)
- The die Nr 13713B is for the 13100A tool head only

BAIR22-6 and PAIR22-6 die selection chart

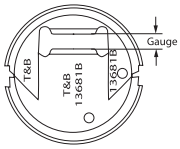
Product ref.	GID number	Colour code	Connection	Die gauge mm/(in) Max	Die gauge mm/(in) Min
13670B	7TAA131850R0031		210xxx series	4.42 (0.14)	4.11 (0.16)
13671B	7TAA131850R0033		204xxx series	6.25 (0.25)	5.94 (0.23)
13673B	7TAA131850R0035		204xxxH series	11.94 (0.47)	11.79 (0.46)
13681B	7TAA131850R0037		210214MT	4.47 (0.18)	4.17 (0.16)
13683B	7TAA131850R0040		22L008	2.84 (0.11)	2.46 (0.10)
13684B	7TAA131850R0042		22L009	4.93 (0.19)	4.55 (0.18)
13686B	7TAA131850R0043		22L009H	9.50 (0.37)	9.12 (0.36)
13689B	7TAI029980R0003		204Txx series	5.18 (0.20)	4.80 (0.19)
13713	7TAA131850R0046		220015 to 220026	2.79 (0.11)	2.03 (0.08)
13713B	7TAA131850R0047		220015 to 220026	2.92 (0.11)	2.16 (0.09)

Dimensions

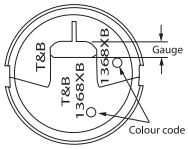
13670B, 13671B, 13673B



13681B



13683B, 13684B, 13686B



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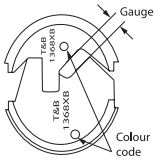

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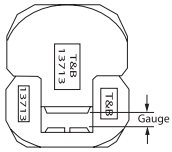

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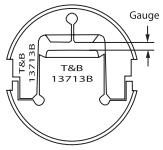


Dragon Tooth® – Crimping tools

Hydraulic tools

Product Ref.: 13400

Characteristics

- 12 Ton hydraulic head
- Output: 12 tons (nominal)
- Hydraulic operating pressure: 10.000 psi max., 690 bar
- Length (with coupling): 368mm (14.49in)
- Width: 84mm (3.31in)
- Weight (without dies): 6.8kg
- Dies delivered separately

Installing dies for 13400

Characteristics

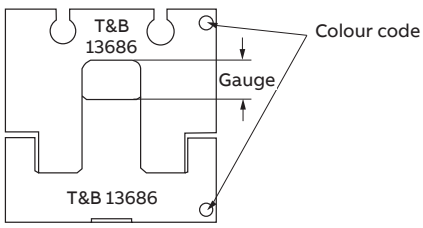
- Material: alloy steel

13400 die selection chart

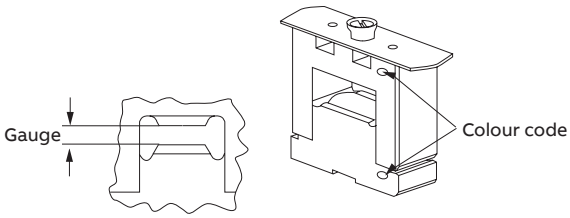
Product ref.	GID number	Colour code	Connection	Die gauge mm/(in) Max	Die gauge mm/(in) Min
13670A	7TAA131850R0030		210xxx series	4.42 (0.17)	4.11 (0.16)
13671A	7TAA131850R0032		204xxx series	6.25 (0.25)	5.94 (0.23)
13673	7TAA131850R0034		204xxxH series	11.94 (0.47)	11.79 (0.46)
13681	7TAA131850R0036		210214MT	4.47 (0.18)	4.17 (0.16)
13682	7TAA131850R0038		204210MT	7.65 (0.30)	7.34 (0.29)
13683	7TAA131850R0039		22L008	A: 2.74 (0.11)	A: 2.59 (0.10)
				B: 3.10 (0.12)	B: 2.90 (0.11)
13684	7TAA131850R0041		22L009	4.83 (0.19)	4.65 (0.18)
13685	7TAA131990R0071		314xxx series	3.45 (0.14)	3.15 (0.12)
13686	7TAA131990R0073		22L009H	9.37 (0.37)	9.22 (0.36)

Dimensions

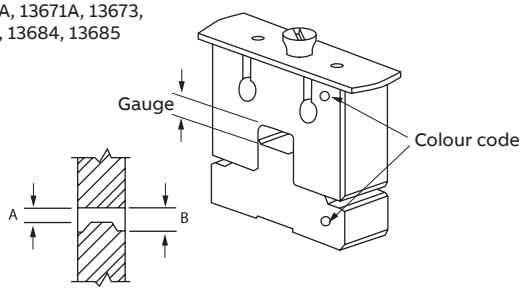
13686



13681, 13682



13670A, 13671A, 13673, 13683, 13684, 13685



For 13683 only

Dragon Tooth® – Crimping tools

Connectors, tool and die selection chart

Connectors, tool and die selection chart

	Hand tools (fixed die)	14 ton hydraulic head 13100A	12 ton hydraulic head 13400	15 ton hydraulic head TBM15i
Terminals	**Tool**	**Die**	**Die**	**Die + adaptor**
204210MT	–	–	13682	–
204210S	–	13671B	13671A	13671B with 15500TB
204210SH	–	13673B	13673	13673B with 15500TB
204210-1	–	13671B	13671A	13671B with 15500TB
204210-1H	–	13673B	13673	13673B with 15500TB
204210-2	–	13671B	13671A	13671B with 15500TB
204210-3	–	13671B	13671A	13671B with 15500TB
204210-3H	–	13673B	13673	13673B with 15500TB
204201-5	–	13671B	13671A	13671B with 15500TB
204211	–	13671B	13671A	13671B with 15500TB
204212	–	13671B	13671A	13671B with 15500TB
204217	–	13671B	13671A	13671B with 15500TB
204MT14	–	–	–	–
204MT38	–	–	–	–
204T14	–	13689B	–	13689B with 15500TB
204T38	–	13689B	–	13689B with 15500TB
210214MT	–	13681B	13681	13681B with 15500TB
210214S	–	13670B	13670A	13670B with 15500TB
210214-1	–	13670B	13670A	13670B with 15500TB
210214-2	–	13670B	13670A	13670B with 15500TB
210214-3	–	13670B	13670A	13670B with 15500TB
210216	–	13670B	13670A	13670B with 15500TB
210217	–	13670B	13670A	13670B with 15500TB
210219	–	13670B	13670A	13670B with 15500TB
210MT14	–	–	–	–
210MT38	–	–	–	–
214420	ERG4811	–	–	–
220015	–	13713B	–	13713
220016	–	13713B	–	13713
220017	–	13713B	–	13713
220018	–	13713B	–	13713
220019	–	13713B	–	13713
220020	–	13713B	–	13713
220021	–	13713B	–	13713
220022	–	13713B	–	13713
220023	–	13713B	–	13713
220024	–	13713B	–	13713
220025	–	13713B	–	13713
220026	–	13713B	–	13713
22F061	ERG4801	–	–	–
22F066	ERG4806	–	–	–

(Continued on next page)

Dragon Tooth® – Crimping tools

Connectors, tool and die selection chart (continued)

Connectors, tool and die selection chart

	Hand tools (fixed die)	14 ton hydraulic head 13100A	12 ton hydraulic head 13400	15 ton hydraulic head TBM15i
Terminals	**Tool**	**Die**	**Die**	**Die + adaptor**
22F081	ERG4801	–	–	–
22F086	ERG4806	–	–	–
22F101	ERG4801	–	–	–
22F106	ERG4806	–	–	–
22L001	ERG4801	–	–	–
22L002	ERG4802	–	–	–
22L004	ERG4804	–	–	–
22L006	ERG4806	–	–	–
22L008	–	13683B	13683	13683B with 15500TB
22L009	–	13684B	13684	13684B with 15500TB
22L009H	–	13686B	13686	13686B with 15500TB
22LF01	ERG4801	–	–	–
22LF06	ERG4806	–	–	–
22LM01	ERG4801	–	–	–
22LM06	ERG4806	–	–	–
22R061	ERG4801	–	–	–
22R081	ERG4801	–	–	–
22R086	ERG4806	–	–	–
22R101	ERG4801	–	–	–
22R106	ERG4806	–	–	–
22R146	ERG4806	–	–	–
314118S	–	13685B	13685	13685B with 15500TB
314123	–	13685B	13685	13685B with 15500TB
314125	–	13685B	13685	13685B with 15500TB

Dragon Tooth® – Crimping tools

Unit conversion tables

AWG round wire size to diameter and cross-section

Wire size AWG	Nominal diameter mm/(in)	Cross-section (mm^2)	CMA-circular mils (cmil)
4/0	11.684 (0.4600)	107.219	211600
3/0	10.404 (0.4096)	85.011	167800
2/0	9.266 (0.3648)	67.432	133100
1/0	8.252 (0.3249)	53.488	105600
1	7.348 (0.2893)	42.409	83690
2	6.543 (0.2576)	33.624	66360
3	5.827 (0.2294)	26.655	52620
4	5.189 (0.2043)	21.149	41740
5	4.620 (0.1819)	16.766	33090
6	4.115 (0.1620)	13.289	26240
7	3.665 (0.1443)	10.551	20820
8	3.264 (0.1285)	8.387	16510
9	2.906 (0.1144)	6.632	13090
10	2.588 (0.1019)	5.262	10380
11	2.304 (0.0907)	4.168	8230
12	2.052 (0.0808)	3.308	6530
13	1.829 (0.0720)	2.627	5180
14	1.628 (0.0641)	2.082	4110
15	1.450 (0.0571)	1.652	3260
16	1.290 (0.0508)	1.308	2580
17	1.151 (0.0453)	1.040	2050
18	1.024 (0.0403)	0.823	1620
19	0.912 (0.0359)	0.653	1290
20	0.813 (0.0320)	0.519	1020
21	0.724 (0.0285)	0.412	812
22	0.643 (0.0253)	0.324	640
23	0.574 (0.0226)	0.259	511
24	0.511 (0.0201)	0.205	404
25	0.455 (0.0179)	0.162	320
26	0.404 (0.0159)	0.128	253
27	0.361 (0.0142)	0.104	202
28	0.320 (0.0126)	0.080	159
29	0.287 (0.0113)	0.065	128
30	0.254 (0.0100)	0.051	100
31	0.226 (0.0089)	0.040	79
32	0.203 (0.0080)	0.032	64

American bolt sizes

US bolt size	Min. hole diameter mm/(in)	Matching bolts in metric size	US bolt size	Min. hole diameter mm/(in)	Matching bolts in metric size
2	2.337 (0.092)	M2	3/8	9.855 (0.388)	M8
6	3.632 (0.143)	M3	7/16	11.506 (0.453)	M10
8	4.292 (0.169)	M4	1/2	13.106 (0.516)	M12
10	4.978 (0.196)	M4	5/8	16.510 (0.650)	M16
1/4	6.655 (0.262)	M6	3/4	19.685 (0.775)	M18
5/16	8.204 (0.323)	M8			

AWG = American Wire Gauge

1 $inch^2$ = 645.16 mm^2
1 mm^2 = 0.00155 $inch^2$
1 mm^2 = 1973.51 cmil
1 $inch^2$ = 1 273 230 cmil
1 cmil = 1 circular mil = 0.0005067 mm^2
1 kcmil = 1000 cmil = 0.5067 mm^2

Shield-Kon®
The shield termination solution

The Shield-Kon® solution from ABB involves a crimp technique for shield termination on shielded cables, with a proven reliability that has led to a specification for the aeronautical and space technology industry and for military applications.

Wherever shielded cables and wires are fitted, there is the problem of finding a permanent, repeatable, safe and quick connection of the braided shield.

Conventional connection methods use soldering, which is more time-consuming and more expensive, and can often result in damage to the dielectric or to the internal shield conductor caused by heat. Moreover, the use of lead-based soldering methods can be in conflict with the latest European regulations.

ABB offer two solutions:

- **The one-piece Shield-Kon® connector, which is wrapped around the shield during the crimping process.** This solderless, wraparound connector terminates shielded cable in seconds with uniform precision. It's particularly well suited for production work in aircraft, aerospace, and electronic industries where size and weight are of importance. Once crimped, it provides a compact, lightweight, low-resistance, high-strength connection.The connector works equally well on braided, wrapped, or foil shields and has the added advantage of being able to be used as a mid-span termination. Only four sizes, which can be easily identified by the Colour of their insulation, are needed to cover a range of shielding diameters from 1.27mm to 7.62mm (0.05in to 0.30in).
- **The two-piece Shield-Kon® connector, which consists of two sleeves, between which the shielded braid and the drain wire are compressed.** The Shield-Kon® two-piece shield termination system consists of two cylindrical sleeves: an inner sleeve with a smaller diameter, and an outer sleeve that has a larger diameter but is shorter and less hard than the inner sleeve. All inner and outer sleeves are colour-coded according to their size. The conductors of the cable are inserted through the inner sleeve, whereas the shield (braided or foiled) and the drain wire are inserted between the two sleeves. The crimp operation is done by compressing the outer sleeve with a tool, while the inner sleeve ensures a mechanical protection to the inner conductors.

Shield-Kon® – One-piece connector

Installation methods and procedure

Installation methods

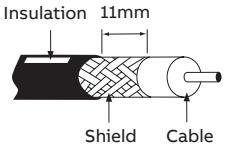
Standard method
Use the standard method when the shielded cable or the inner conductors are embedded in a dielectric.

Fold-back method 1
If there is no common dielectric for several interior cables but the gaps are filled by textile threads or something similar, care should be taken to ensure that the insulating thickness of the individual cables is not less than 0.38mm (0.02in) for PVC, and not less than 0.25mm (0.01in) for Teflon. If this insulation thickness falls below this value, fold-back method 1 should be used.

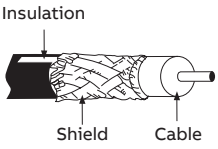
Mid-span method
Allows installation anywhere along the cable.

Fold-back method 2
Fold-back method 2 should be used if the cable shield is applied spirally or if a foil shield is being used.

01 Standard method
02 Fold-back method 1
03 Mid-span method
04 Fold-back method 2



01



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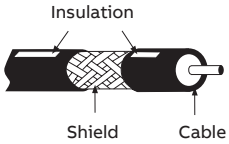

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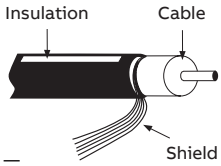

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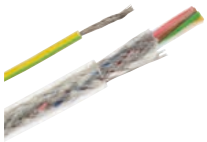


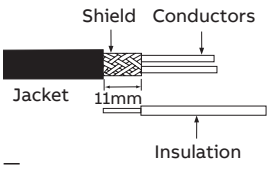
Installation procedures

Step 1
Prepare shielded wire and drain wire insulation as shown. If two earth wires are required in a Shield-Kon® connection, twist both conductors before insertion into the connector.

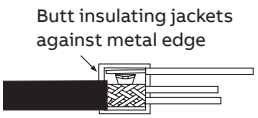
Step 2
Select the appropriate connector according to the size of the shielded cable (see page 128). Place the drain wire around the trap hook and the shielded wire into the bottom of the connector. When inserting the shielded cable and grounding wire, care must be taken to ensure that their insulation is overlapped by the connector's Polyester insulation film. 100% insulation is possible after crimping when the stripped length of outer jacket (visible shielding) is 11mm (0.43in) maximum.

Step 3
Select the appropriate die set for the crimp tool, according to the size of the shielded cable (see page 128) and mount the dies on the tool. Insert the connector (with the shielded cable and the drain wire) between the dies of the tool. Squeeze the tool handles firmly to crimp the connector around the shielding and the drain wire.

01 **Step 1:** Prepare shielded wire and drain wire insulation
02 **Step 2:** Select connector and insert wire
03 **Step 3:** Select crimp tool, insert and crimp connector



01



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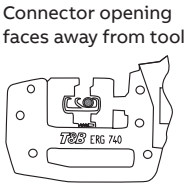


03

Shield-Kon® – One-piece connector

Connectors

Technical information

- Compact, low profile connector
- One piece “Wrap-around” design
- Inventory savings: only 4 sizes
- Transparent insulation, easily inspected
- NO HEAT OR POWER REQUIRED to install
- No damage to inner conductor
- Less installation time required
- Uniform, precise connection every time
- Low installed cost
- Mid-span termination possible, eliminating the need to demount a cable already installed

Technical Information

- Material: Copper, conform to CDA No. 110
- Plating: Tin, electro-plated (thickness 3 to 8 µm), in accordance with MIL-T-10727A
- Insulation: Polyester film, Colour coded for size identification
- Temperature: -65°C to +125°C

MIL-F-21608 specifications

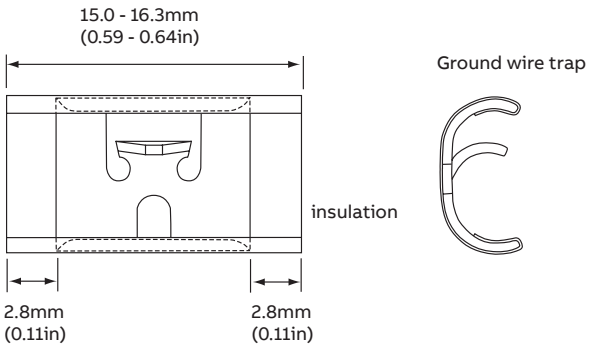
- Voltage drop: 9 mV max. at 1 Ampere after environmental exposure
- Insulation: 500 VRMS at 60 Hz for one minute dielectric strength
- Corrosion resistance: 48 hours in 5% salt fog
- Pullout strength: 67 N min. with 0.25mm² drain wire and 85N min. with 0.5mm² drain wire
- Vibration: 0.76mm (0.03in) double amplitude between 10 and 55Hz for 6 hours on each of two axis

Connectors

Product ref.	GID number	Colour	Shield diameter range mm/(in)	Acceptable drain wire size**	Quantity (pieces)	Installation tool*
RSK101	7TCI029060R0026		1.27 - 2.28 (0.05 - 0.09)	1 or 2 pieces 0.25mm²	1000	ERG740
RSK5101	7TCI029100R0073				100	
RSK201	7TCI029060R0027		2.29 - 3.65 (0.09 - 0.14)	1 or 2 pieces 0.25mm² or 1 piece 0.5mm²	1000	
RSK5201	7TCI029100R0075				100	
RSK301	7TCI029060R0029		3.66 - 5.12 (0.14 - 0.20)	1 or 2 pieces 0.25mm² or 1 piece 0.5mm²	1000	
RSK5301	7TCI029100R0079				100	
RSK401	7TCI029060R0031		5.13 - 7.62 (0.20 - 0.30)	1 or 2 pieces 0.5mm² or 1 piece 0.5mm²	500	
RSK5401	7TCI029100R0082				100	

* See page 139 for tooling specifications and for die selection
** Alternatively, a special accessory (RSK-flag) can be used in place of the drain wire, with the yellow and the green connectors

Dimensions



Shield-Kon® – One-piece connector

Selection gauge & accessories

Selection gauge

Product Ref.: RSK-LEHRE
GID number: 7TCA131130R0001

Characteristics

The choice of the appropriate connector and die set mainly depends on the size of the shielded cable. The selection can be done very quickly with the RSK-LEHRE gauge.

1. Remove the outer jacket from the shielded cable, making the shielding visible
2. Insert this stripped end of the cable into the slots located around the gauge. The correct slot will be found when the cable can slide only in the upper part of the slot. If the cable can slide completely to the bottom of the slot, you should try with the smaller adjacent slot.
3. Once the appropriate slot is found, the corresponding RSK connector is defined by the Colour of the strip around the slot, whereas the corresponding die set is given by the number marked below the slot (add prefix “D” to this number)
4. The table on page 142 summarises the different combinations of connector / die set, as well as the size of drain wire that can be used

Accessories: the RSK-FLAG connectors

Product Ref.: RSK-FLAG

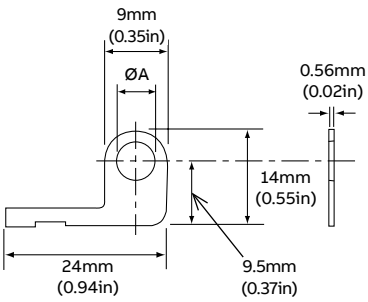
Characteristics

- The RSK-FLAG connector is inserted into the one-piece Shield-Kon® connector and replaces the drain-wire
- Easy & direct connection of the RSK-FLAG to a piece of earthed equipment thanks to the installation hole
- Available in 3 sizes of hole
- To be used with the RSK-301 (yellow) or RSK-401 (green) connectors
- Material: Electrolytic copper
- Plating: Tin plated

Accessories: the RSK-FLAG connectors

Product ref.	GID number	Terminations screw size ØA	Weight (g/100)	Quantity (pieces)
RSK-FLAG-B3	7TCI029060R0023	M3	75	1000
RSK-FLAG-B4	7TCI029060R0024	M4	75	1000
RSK-FLAG-B5	7TCI029060R0025	M5	75	1000

Dimensions



Shield-Kon® – One-piece connector

Ergonomic hand tools

Product Ref.: ERG740
GID number: 7TCA131130R0000

Characteristics
- Robust construction: metallic frame, partially covered with plastic
- Dies are easily interchangeable (to be ordered separately)
- Parallel action crimp
- Shure-Stake® mechanism: once pressing has commenced, the tool can be re-opened only after successful completion of the crimping cycle
- Supplied in a plastic case with: 1 tool, 1 bench-mount stand for easier use in volume production, 1 gauge (Product Ref. RSK-LEHRE) for instant selection of the die and the connector to be used
- Dimensions of tool (L x W x H): 210 x 155 x 25mm (8.27 x 6.10 x 0.98in)
- Weight of tool: 470g
- Dimensions of plastic case (L x W x H): 245 x 210 x 55mm (9.65 x 8.27 x 2.17in)
- Weight of plastic case with content: 930g

Product Ref.: ERG740-01
GID number: 7TCA131990R0250

Characteristics
- Same as ERG740, but in addition, supplied with 4 metal dies (D-101A, D-201D, D-301G, D-401K)
- Dimensions of plastic case (L x W x H): 245 x 210 x 55mm (9.65 x 8.27 x 2.17in)
- Weight of plastic case with content: 1200g

Metal Dies for ERG740

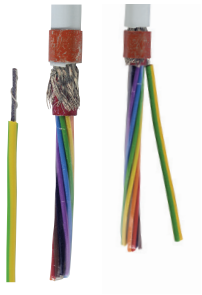
Characteristics
- For mass production and medium to high volumes
- Made of hardened steel, does not wear
- The Product ref. is engraved on the upper part and on the lower part of the die set and the die is marked with a dot having the same colour as the corresponding connector
- Packaging: 1 die set in a cardboard box with Euro slot
- Weight: approx. 75g
- Packaging size (L x W x H): 45 x 45 x 70mm (1.77 x 1.77 x 2.76in)

ERG740 die selection chart

Product ref.	GID number	Colour	Shield diameter mm/(in)	For connection
D-101A	7TCA131310R0026		1.27 - 1.79 (0.05 - 0.07)	RSK(5)101
D-101B	7TCA131310R0027		1.80 - 2.28 (0.07 - 0.09)	RSK(5)101
D-201C	7TCA131310R0028		2.29 - 2.55 (0.09 - 0.10)	RSK(5)201
D-201D	7TCA131310R0029		2.56 - 3.00 (0.10 - 0.12)	RSK(5)201
D-201E	7TCA131310R0030		3.01 - 3.34 (0.12 - 0.13)	RSK(5)201
D-201F	7TCA131310R0031		3.35 - 3.65 (0.13 - 0.14)	RSK(5)201
D-301G	7TCA131310R0032		3.66 - 4.13 (0.14 - 0.16)	RSK(5)301
D-301H	7TCA131310R0033		4.14 - 4.71 (0.16 - 0.19)	RSK(5)301
D-301J	7TCA131310R0034		4.72 - 5.12 (0.19 - 0.20)	RSK(5)301
D-401K	7TCA131310R0035		5.13 - 5.86 (0.20 - 0.23)	RSK(5)401
D-401L	7TCA131310R0036		5.87 - 6.36 (0.23 - 0.25)	RSK(5)401
D-401M	7TCA131310R0037		6.37 - 7.00 (0.25 - 0.28)	RSK(5)401
D-401N	7TCA131310R0038		7.01 - 7.62 (0.28 - 0.30)	RSK(5)401

Shield-Kon® – Two-piece connector – Hexagonal range

Overview



Characteristics
In the "Hexagonal range" (diameters of dielectric between 1.1mm (0.04in) and 9.4mm (0.37in)), the outer sleeve is crimped with a hand tool and the result is a hexagonal-shaped crimp.

The choice of the appropriate combination of inner sleeve, outer sleeve and crimp tool/die will depend on the diameter of the dielectric.

However, a direct correlation with the diameter of the dielectric is not possible, as several different inner sleeves can be combined with the same outer sleeve (according to the type of shield).

With the directions shown below, a measuring instrument (calliper) is all that is required to make the right selection in 3 steps:

1. Selection of the inner sleeve (GSB)
- Strip the outer insulator and remove the shield
- Measure the maximum value of the diameter of the dielectric (diameter without shield) by gently rotating the cable. When doing so, it should be possible to turn the cable easily between the jaws of the calliper
- Add 0.13mm (0.01in) to the measured value. The sum will give the Inner Diameter (I.D.) of the GSB inner sleeve
- In the table, select the GSB inner sleeve having this I.D. or the nearest larger I.D

2. Selection of the outer sleeve (GSC)

Normal method
- Slide the selected inner sleeve underneath the shield of the cable
- Measure the maximum diameter with the shield over the inner sleeve
- Add 0.8mm (0.03in) to the measured value. The sum will give the Inner Diameter (I.D.) of the GSC sleeve
- In the table, select the GSC sleeve having this I.D. or the nearest larger I.D.

Quick method
In most cases, a quicker method can be used to define the correct GSC outer sleeve:
- Once the appropriate GSB inner sleeve is found, the table will give the Outer Diameter (O.D.) of this GSB sleeve
- Add 1.5mm (0.06in) to this O.D. and the sum will give the Inner Diameter (I.D.) of the GSC sleeve
- In the table, select the GSC sleeve having this I.D. or the nearest larger I.D.

3. Selection of the die
The product reference for the appropriate die is given in the table hereafter, in the same row as the GSC sleeve that has just been defined and in the column of the chosen tool.

Shield-Kon® – Two-piece connector – Hexagonal range

Installation methods

Three installation methods are possible in the hexagonal range, for a quick, neat and accurately completed termination...at a greatly reduced production cost.

Method 1: Standard

A. After stripping the shield (12.7mm (0.5in) in length), slip the outer sleeve over the outer insulation. If this is too big, slip the outer sleeve on, after method described in Fig. 3.
B. Widen the braided shield by gently rotating the inner conductor, then slip the inner sleeve under the braided shield.
C. Position the inner sleeve so that about 1.6mm (0.06in) protrudes beyond the end of the braided shield.
D. Slip the drain wire (0.25–0.5mm^2) under the outer sleeve (from the front or behind) and slip the outer sleeve over the braided shield.
E. Position the outer sleeve and ensure that the ends of all wires in the braided shield and drain wire are covered. Crimp both sleeves with the correct tool and tool die. Finished.

Method 2

A. After stripping the shield (12.7mm (0.5in) in length), slip the inner sleeve over the outer insulation.
B. Widen the braided shield by gently rotating the inner conductor.
C. Fold back the braided shield over the inner sleeve and slip the outer sleeve over the braided shield.
D. Slip the drain wire (0.25–0.5mm^2) under the outer sleeve (from the front or behind) and slip the outer sleeve over the braided shield.
E. Position the outer sleeve and ensure that the ends of all wires in the braided shield and drain wire are covered. Crimp both sleeves with the correct tool and tool die. Finished.

Method 3

A. After stripping the shield (25mm (0.98in) in length), slip the inner sleeve over the braided shield.
B. Widen the braided shield by gently rotating the inner conductor.
C. Fold back the braided shield over the inner sleeve and slip the outer sleeve over the braided shield.
D. Slip the drain wire (0.25–0.5mm^2) under the outer sleeve (from the front or behind) and slip the outer sleeve over the braided shield.
E. Position the outer sleeve and ensure that the ends of all wires in the braided shield and drain wire are covered. Crimp both sleeves with the correct tool and tool die. Finished.

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01 Method 1: Standard
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02 Method 2
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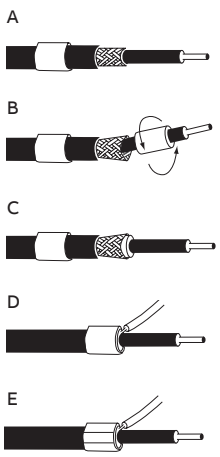
03 Method 3



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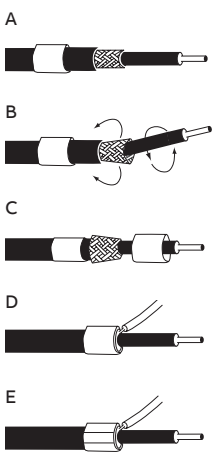

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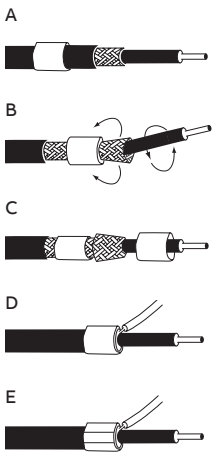

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03

Shield-Kon® – Two-piece connector – Hexagonal range

Connector and die selection

The ABB hexagonal compression (for diameters of dielectric up to 9.4mm (0.37in)) is a reliable method for grounding, terminating and insulating shielded and coaxial cable. It has literally hundreds of millions of installations in communications, aerospace, electronic, telephone, radio and TV applications.

- Material: Hard bronze (inner sleeve), Soft bronze (outer sleeve)
- Finish***: Tin plated (per MIL-T-10727A)
- Length: 7.9mm (0.31in) (inner sleeve), 6.4mm (0.25in) (outer sleeve)
- Standard packaging quantity: 1000 pcs. For 100 pcs packaging, add the code “5” in the Product reference just after the “GSB” or “GSC” code. Example: GSC275 = 1000 pcs packaging, GSC5275 = 100 pcs packaging

ERG740 die selection chart

Product ref. GSB	GID number	Colour code	Inner Ø mm/(in)	Outer Ø mm/(in)
Inner sleeves				
GSB 046	7TAI029070R0001		1.17 (0.05)	1.90 (0.07)
GSB 058	7TAI029070R0002		1.47 (0.06)	2.10 (0.08)
GSB 063	7TAI029070R0003		1.60 (0.06)	2.23 (0.09)
GSB 071	7TAI029070R0004		1.87 (0.07)	2.44 (0.10)
GSB 080	7TAI029070R0005		2.00 (0.08)	2.63 (0.13)
GSB 090	7TAI029070R0006		2.20 (0.09)	2.90 (0.11)
GSB 096	7TAI029070R0007		2.44 (0.10)	3.02 (0.12)
GSB 101	7TAI029060R0000		2.56 (0.10)	3.16 (0.12)
GSB 109	7TAI029060R0001		2.76 (0.11)	3.36 (0.13)
GSB 115	7TAI029070R0010		2.92 (0.11)	3.70 (0.15)
GSB 124	7TAI029060R0002		3.14 (0.12)	3.68 (0.14)
GSB 128	7TAI029060R0003		3.25 (0.13)	3.86 (0.15)
GSB 134	7TAI029070R0013		3.40 (0.13)	4.00 (0.16)
GSB 149	7TAI029060R0004		3.78 (0.15)	4.54 (0.18)
GSB 156	7TAI029070R0014		3.96 (0.16)	4.90 (0.19)
GSB 165	7TAI029070R0016		4.20 (0.17)	4.92 (0.19)
GSB 175	7TAI029070R0018		4.44 (0.17)	5.46 (0.21)
GSB 187	7TAI029070R0019		4.75 (0.19)	5.76 (0.23)
GSB 194	7TAI029070R0020		4.93 (0.19)	5.76 (0.23)
GSB 205	7TAI029070R0021		5.20 (0.20)	6.22 (0.24)
GSB 219	7TAI029070R0022		5.56 (0.22)	6.35 (0.25)
GSB 225	7TAI029070R0024		5.71 (0.22)	6.50 (0.26)
GSB 232	7TAI029070R0025		5.90 (0.23)	6.70 (0.26)
GSB 250	7TAI029070R0026		6.35 (0.25)	7.14 (0.28)
GSB 261	7TAI029070R0027		6.63 (0.26)	7.54 (0.30)
GSB 266	7TAI029980R0216		6.75 (0.27)	7.54 (0.30)
GSB 275	7TAI029070R0028		6.98 (0.27)	7.77 (0.31)
GSB 281	7TAI029070R0029		7.14 (0.28)	8.40 (0.33)
GSB 287	7TAI029070R0030		7.29 (0.29)	8.30 (0.33)
GSB 297	7TAI029070R0031		7.54 (0.30)	8.50 (0.33)
GSB 312	7TAI029070R0032		7.92 (0.31)	9.20 (0.36)
GSB 348	7TAI029070R0033		8.84 (0.35)	10.20 (0.40)
GSB 375	7TAI029070R0034		9.52 (0.37)	10.30 (0.41)

Product ref. GSC	GID number	Colour code	Inner Ø mm/(in)	Outer Ø mm/(in)
Outer sleeves				
GSC 101	7TAI029060R0006		2.56 (0.10)	3.16 (0.12)
GSC 128	7TAI029060R0007		3.25 (0.13)	3.86 (0.15)
GSC 149	7TAI029060R0008		3.78 (0.15)	4.54 (0.18)
GSC 156	7TAI029060R0009		3.96 (0.16)	4.90 (0.19)
GSC 175	7TAI029060R0010		4.45 (0.18)	5.46 (0.21)
GSC 187	7TAI029060R0011		4.75 (0.19)	5.76 (0.23)
GSC 194	7TAI029070R0048		4.93 (0.19)	5.74 (0.23)
GSC 199	7TAI029060R0012		5.05 (0.20)	5.97 (0.24)
GSC 205	7TAI029060R0013		5.20 (0.20)	6.22 (0.24)
GSC 219	7TAI029060R0014		5.56 (0.22)	6.35 (0.25)
GSC 225	7TAI029070R0049		5.71 (0.22)	6.50 (0.26)
GSC 232	7TAI029060R0015		5.90 (0.23)	6.70 (0.26)
GSC 261	7TAI029060R0016		6.63 (0.26)	7.54 (0.30)
GSC 275	7TAI029070R0050		6.98 (0.27)	7.77 (0.31)
GSC 281	7TAI029070R0051		7.14 (0.28)	8.40 (0.33)
GSC 287	7TAI029070R0052		7.29 (0.29)	8.30 (0.33)
GSC 297	7TAI029060R0017		7.54 (0.30)	8.50 (0.33)
GSC 312	7TAI029070R0053		7.92 (0.31)	9.20 (0.36)
GSC 327	7TAI029070R0054		8.30 (0.33)	9.45 (0.37)
GSC 348	7TAI029070R0055		8.84 (0.35)	9.98 (0.39)
GSC 359	7TAI029070R0056		9.12 (0.36)	10.13 (0.40)
GSC 375	7TAI029060R0018		9.53 (0.38)	10.31 (0.41)
GSC 405	7TAI029070R0057		10.28 (0.40)	11.50 (0.45)
GSC 415	7TAI029070R0058		10.54 (0.41)	11.76 (0.46)
GSC 425	7TAI029070R0059		10.80 (0.43)	12.06 (0.47)
GSC 460	7TAI029060R0019		11.68 (0.46)	12.95 (0.51)
GSC 500	7TAI029070R0060		12.70 (0.50)	13.97 (0.55)

* Dies 4419 and 4400 to 4417 are for the hand tool WT440. Dies 5450 to 5457 are for the hand tool WT540
** Note: Product Ref. ERG-5456 and ERG-5457 are complete hand tools with pre-mounted die set
*** For Nickel plated terminals, add suffix NP to the Product Reference. Example: GSB128NP, GSC128NP

Shield-Kon® – Two-piece connector – Hexagonal range

Connector and die selection (continued)

ERG740 die selection chart

Hand tool ERG4000KE	GID number	Nest number	Hand tool* WT440/WT540 MIL - Spec.
Dies			
D-419403	7TCA131990R0213	19	4419
		00	4400
		01	4401
		02	4402
		03	4403
D-406410	7TCA131990R0212	06	4406
		06	4406
		06	4406
		08	4408
		08	4408
		09	4409
		10	4410
D-411414	7TCA131050R0004	11	4411-SK
		12	4412
		14	4414
		14	4414
		14	4414
D-415417	7TCA131050R0005	15	4415
		16	4416
		17	4417
D-450451	7TCA131050R0006	50	5450
		51	5451
D-452	7TCA131990R0214	52	5452
		52	5452
D-454	7TCA131050R0007	54	5454
ERG5456**	7TCA131990R0227	56	5456
ERG5457**	7TCA131990R0228	57	5457

* Dies 4419 and 4400 to 4417 are for the hand tool WT440. Dies 5450 to 5457 are for the hand tool WT540
** Note: Product Ref. ERG-5456 and ERG-5457 are complete hand tools with pre-mounted die set
*** For Nickel plated terminals, add suffix NP to the Product Reference. Example: GSB128NP, GSC128NP

Shield-Kon® – Two-piece connector – Hexagonal range

Tooling

Product Ref.: WT440 and WT540
GID number: 7TAA131270R0002 and 7TAA131270R0003

Characteristics

- MIL-specified parallel action hand tool
- A versatile tool, one frame with a selection of interchangeable dies covers the whole range of shield diameters in the Hexagonal Range
- Shure-Stake® mechanism: once pressing has commenced, the tool can be re-opened only after successful completion of the crimping cycle
- Packaging: box containing 1 frame (dies to be ordered separately)
- Length: 203mm (8.00in) (WT440), 264mm (10.40in) (WT540)
- Weight: 450g (WT440), 540g (WT540)

Dies for WT440 and WT540

Characteristics

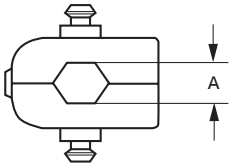
- Interchangeable dies with single nest
- Hexagonal crimp
- Material: alloy steel
- Finish: black oxide
- 44xx series dies (for WT440 tool): crimping range (outer sleeves): from GSC101 to GSC348
- 54xx series (for WT540 tool): crimping range (outer sleeves): from GSC359 to GSC500
- 54xx series dies are marked with the die number and a colour-coded dot
- Go/no-go gauges are available for inspection

WT440 and WT540 die selection chart

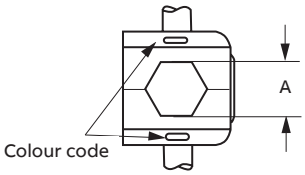
Product ref.	GID number	Dim. A across flats (+/- 0.10) mm/(in)	Colour code	For connector	Go/no-go gauge	Tooling
4419	7TAA131310R0014	2.67 (0.11)	-	GSC101	4419-G	WT440
4400	7TAA131310R0003	3.25 (0.13)	-	GSC128	4400-G	
4401	7TAA131310R0004	3.84 (0.15)	-	GSC149	4401-G	
4402	7TAA131300R0000	4.06 (0.16)	-	GSC156	4402-G	
4403	7TAA131300R0001	4.52 (0.18)	-	GSC175	4403-G	
4406	7TAA131300R0002	5.00 (0.20)	-	GSC187, GSC194, GSC199	4406-G	
4408	7TAA131310R0005	5.41 (0.21)	-	GSC205, GSC219	4408-G	
4409	7TAA131310R0006	5.54 (0.22)	-	GSC225	4409-G	
4410	7TAA131310R0007	5.87 (0.23)	-	GSC232	4410-G	
4411-SK	7TAA131310R0008	6.48 (0.26)	-	GSC261	4411-G	
4412	7TAA131310R0009	6.81 (0.27)	-	GSC275	4412-G	
4414	7TAA131310R0010	7.37 (0.29)	-	GSC281, GSC287, GSC297	4414-G	
4415	7TAA131310R0011	7.85 (0.31)	-	GSC312	4415-G	
4416	7TAA131310R0012	7.98 (0.31)	-	GSC327	4416-G	
4417	7TAA131310R0013	8.23 (0.32)	-	GSC348	4417-G	
5450	7TAA131310R0018	8.71 (0.34)		GSC359	5450-G	WT540
5451	7TAA131310R0019	9.12 (0.36)		GSC375	5451-G	
5452	7TAA131310R0020	9.75 (0.38)		GSC405, GSC415	5452-G	
5454	7TAA131310R0021	10.90 (0.43)		GSC425	5454-G	
5456	7TAA131310R0023	11.53 (0.45)		GSC460	5456-G	
5457	7TAA131310R0024	12.07 (0.48)		GSC500	5457-G	

Dimensions

Dies for WT440 tool



Dies for WT540 tool



Shield-Kon® – Two-piece connector – Hexagonal range

Tooling

Product Ref.: ERG4000KE
GID number: 7TCA131000R0020

Characteristics

- Ergonomic hand tool
- A versatile tool, one frame with a selection of interchangeable dies covers a wide range of shield diameters in the Hexagonal Range
- Most dies have several nests (identified with a number) to allow the crimp of several GSC outer sleeves with the same die set.
- Shure-Stake® mechanism: once pressing has commenced, the tool can be re-opened only after successful completion of the crimping cycle
- Length: 265mm (10.43in), Weight: 550g
- Packaging: cardboard box containing 1 frame (dies to be ordered separately)

Dies for ERG4000KE

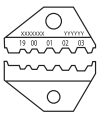
Characteristics

- Interchangeable dies (hexagonal crimp), with single or multiple nest
- Material: alloy steel
- The dies are marked with the die number
- Each nest is marked with a number to identify the GSC outer sleeves that can be crimped (see table)
- Crimping range (outer sleeves): from GSC101 to GSC425
- Packaging: 1 die set in a cardboard box with Euro slot
- Weight: approx. 50g
- Packaging size (L x W x H): 45 x 45 x 70mm (1.77 x 1.77 x 2.76in)

ERG4000KE die selection chart

Product ref.	GID number	Nest nr.	For connector	Dimension of the nest	Gauge dimensions mm/(in) Ø Go	Ø No-go
D-419403	7TCA131990R0213	19	GSC101	HEX 2.68	2.63 (0.10)	2.73 (0.11)
		00	GSC128	HEX 3.24	3.19 (0.13)	3.29 (0.13)
		01	GSC149	HEX 3.80	3.75 (0.15)	3.85 (0.15)
		02	GSC156	HEX 4.03	3.98 (0.16)	4.08 (0.16)
		03	GSC175	HEX 4.50	4.45 (0.18)	4.55 (0.18)
D-406410	7TCA131990R0212	6	GSC187, GSC194, GSC199	HEX 5.00	4.95 (0.19)	5.05 (0.20)
		8	GSC205, GSC219	HEX 5.36	5.31 (0.21)	5.41 (0.21)
		9	GSC225	HEX 5.56	5.51 (0.22)	5.61 (0.22)
		10	GSC232	HEX 5.84	5.79 (0.23)	5.89 (0.23)
D-411414	7TCA131050R0004	11	GSC261	HEX 6.46	6.41 (0.25)	6.51 (0.26)
		12	GSC275	HEX 6.78	6.73 (0.26)	6.83 (0.27)
		14	GSC281, GSC287, GSC297	HEX 7.32	7.27 (0.29)	7.37 (0.29)
D-415417	7TCA131050R0005	15	GSC312	HEX 7.74	7.69 (0.30)	7.79 (0.31)
		16	GSC327	HEX 7.86	7.81 (0.31)	7.91 (0.31)
		17	GSC348	HEX 8.32	8.27 (0.33)	8.37 (0.33)
D-450451	7TCA131050R0006	50	GSC359	HEX 8.66	8.61 (0.34)	8.71 (0.32)
		51	GSC375	HEX 9.10	9.05 (0.36)	9.15 (0.36)
D-452	7TCA131990R0214	52	GSC405, GSC415	HEX 9.72	9.67 (0.38)	9.77 (0.38)
D-454	7TCA131050R0007	54	GSC425	HEX 10.88	10.83 (0.43)	10.93 (0.43)

D-419403



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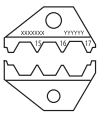

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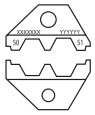

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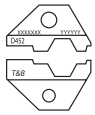

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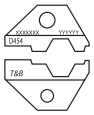


Shield-Kon® – Two-piece connector – Hexagonal range

Tooling

Product Ref.: ERG5456
GID number: 7TCA131990R0227

Characteristics

- Fixed die, ergonomic hand tool
- Designed to crimp the GSC460 outer sleeve
- Shure-Stake® mechanism: once pressing has commenced, the tool can be re-opened only after successful completion of the crimping cycle
- Length: 252mm (9.92in)
- Weight: 460g
- Packaging: cardboard box containing 1 tool with pre-mounted die set

Product Ref.: ERG5457
GID number: 7TCA131990R0228

Characteristics

- Fixed die, ergonomic hand tool
- Designed to crimp the GSC500 outer sleeve
- Shure-Stake® mechanism: once pressing has commenced, the tool can be re-opened only after successful completion of the crimping cycle
- Length: 252mm (9.92in)
- Weight: 460g
- Packaging: cardboard box containing 1 tool with pre-mounted die set

Shield-Kon® – Two-piece connector – Circular range

Installation method

The “Circular range”, for Multiple or Overall shielded cables, refers to larger diameters of dielectric (between 9.5 (0.37in) and 36mm (1.42in)) and owes its name to the circular shape of the crimp.

The Shield-Kon® Connector System for multiple-conductor shielded cable is based on the principle of cold swaging. It uses a two-piece compression connector, which is colour-coded to match the proper die. The connector consists of a hard brass collector inner sleeve (ring) and a soft copper compression outer sleeve (ring). Each set of rings and matching installing die will connect a minimum of 5 shielding braids with one ground wire. The maximum number of braids is limited only by the space between the inner and outer rings.

The design advantages are:

1. Positive selection of inner and outer rings and installing die by a complete colour-coded system.
2. A more reliable grounding termination because only one ground wire connection is made - conventional daisy chain jumper method is eliminated.
3. Smaller, more compact bundle is easy to inspect.
4. Only one ground wire is required, however additional ground wires may be used if needed.
5. Smooth insulator protects conductor insulation.
6. With one stroke of the tool, the interlace die will produce a 360° compression uniformly securing all individual shields around the connector.

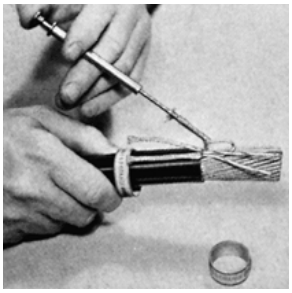
Installation method

1. After overall insulation is removed to expose shielded cables, each conductor must be freed from the shielding braid. The braid is then folded back until all conductors are freed.
2. Flattened shielding braids are evenly distributed around the periphery of the GSB inner ring.
3. Position the GSC outer ring over the flattened shielding braid, locating it over the centre of the GSB inner ring. Braid may be trimmed even with the edge of the outer compression ring before or after compression. Ground wire or wires may be inserted between the outer ring and the shield prior to compression.

01 **Step 1:** Free the conductors

02 **Step 2:** Evenly distribute shielding braids

03 **Step 3:** Position the GSC outer ring over the centre of the GSB inner ring



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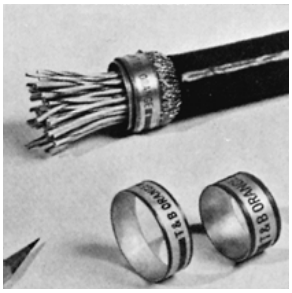


02

03

Shield-Kon® – Two-piece connector – Circular range

Connector and die selection

The choice of the appropriate combination of inner ring, outer ring and crimp tool / die will depend on the overall diameter of the inner conductors (underneath the shield)

In the case of the Circular range, there is a direct correlation between the diameter of the inner conductors and the inner and outer rings.

With the directions shown below, a measuring instrument (calliper) is all that is required to make the right selection.

Selection of the GSB inner ring

- Measure the maximum value of the overall diameter of the inner conductors (underneath the flattened shield) by gently rotating the cable. When doing so, it should be possible to turn the cable easily between the jaws of the calliper
- Add 0.13mm (0.01in) to the measured value. The sum will give the Inner Diameter (I.D.) of the GSB inner ring
- In the table, select the GSB inner ring having this I.D. or the nearest larger I.D

Selection of the GSC outer ring and of the die

Once the appropriate GSB inner ring is found, the table hereafter immediately gives the corresponding GSC outer ring and the appropriate die for the 13640 hydraulic head.

Technical information

- Material: Copper alloy ASTM B135
- Finish: Electro tin plated (per MIL-T-10727A)
- Length: 15.2mm (0.60in)

Technical information

- Material: Copper ASTM B188
- Finish: Electro tin plated (per MIL-T-10727A)
- Length: 11.2mm (0.44in)

Connector and die selection

Product ref. GSB	GID number	Colour code	Inner Ø mm/(in)	Outer Ø mm/(in)	Product ref. GSC	GID number	Colour code	Inner Ø mm/(in)	Outer Ø mm/(in)	Hydraulic crimp head 13640 MIL - Spec.
Inner sleeves					**Outer sleeves**					**Dies**
GSB 430	7TAI029060R0005		10.92 (0.43)	12.70 (0.50)	GSC 590	7TAI029060R0020		14.99 (0.59)	17.02 (0.67)	GS590
GSB 550	7TAI029070R0035		13.97 (0.55)	15.75 (0.62)	GSC 710	7TAI029060R0021		18.03 (0.71)	20.07 (0.79)	GS710
GSB 670	7TAI029070R0036		17.02 (0.67)	19.05 (0.75)	GSC 840	7TAI029060R0022		21.34 (0.84)	23.37 (0.92)	GS840
GSB 810	7TAI029070R0037		20.57 (0.81)	22.35 (0.88)	GSC 1010	7TAI029070R0041		25.65 (10.01)	27.61 (1.09)	GS1010
GSB 920	7TAI029070R0038		23.37 (0.92)	25.40 (1.00)	GSC 1130	7TAI029070R0042		28.70 (1.13)	30.73 (1.21)	GS1130
GSB 1040	7TAI029070R0008		26.42 (1.04)	28.45 (1.12)	GSC 1250	7TAI029070R0043		31.75 (1.25)	33.78 (1.33)	GS1250
GSB 1122	7TAI029070R0009		28.50 (1.12)	30.28 (1.19)	GSC 1332	7TAI029070R0045		33.83 (1.33)	35.87 (1.41)	GS1332
GSB 1224	7TAI029070R0011		31.09 (1.22)	32.87 (1.29)	GSC 1440	7TAI029070R0046		36.58 (1.44)	38.61 (1.52)	GS1440
GSB 1353	7TAI029980R0202		34.37 (1.35)	36.14 (1.42)	GSC 1563	7TAI029070R0047		39.70 (1.56)	41.73 (1.64)	GS1563
GSB 1425	7TAI029980R0203		36.20 (1.43)	39.24 (1.54)	GSC 1670	7TAI029100R0036		42.42 (1.67)	44.45 (1.75)	GS1670

Standard packaging quantity: 50 pcs

Shield-Kon® – Two-piece connector – Circular range

Tooling

Product Ref.: 13640

Characteristics

- Hydraulic tool head
- For all 2-piece Shield-Kon® terminals in the circular range
- Quickly interchangeable steel dies (to be ordered separately)
- 3.5 ton nominal pressure (output)
- Pioneer coupling, for quick assembly
- Requires a 9800 PSI (approx. 676 bar) operating service pressure (input)
- Length: 400mm (15.75in) approx.
- Weight: 5.5kg approx.

Dies for 13640

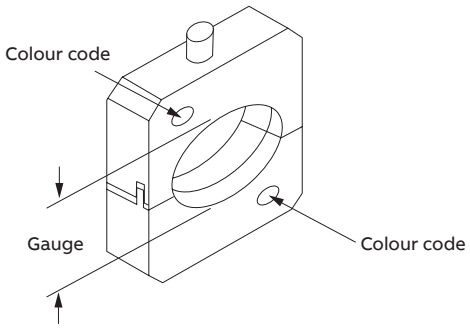
Characteristics

- Interchangeable dies with single nest
- Circular crimp
- Material: alloy steel
- Finish: black oxide
- Marked with the die number and a colour-coded dot
- Crimping range (outer sleeves): from GSC590 to GSC1670
- Go/no-go gauges are available for inspection

13640 die selection chart

Product ref.	GID number	Gauge Ø mm/(in) Min	Gauge Ø mm/(in) Max	Colour code	For connector	Go/no-go gauge
GS590	7TAA131310R0044	14.91 (0.59)	15.16 (0.60)		GSC590	GS590-G
GS710	7TAA131310R0045	17.96 (0.71)	18.21 (0.72)		GSC710	GS710-G
GS840	7TAA131310R0046	21.26 (0.34)	21.51 (0.85)		GSC840	GS840-G
GS1010	7TAA131310R0039	24.59 (0.97)	24.84 (0.98)		GSC1010	GS1010-G
GS1130	7TAA131310R0040	27.66 (1.09)	27.91 (1.10)		GSC1130	GS1130-G
GS1250	7TAA131310R0041	30.71 (1.21)	30.96 (1.22)		GSC1250	GS1250-G
GS1332	7TAA131310R0042	32.54 (1.28)	32.79 (1.29)		GSC1332	GS1332-G
GS1440	7TAA131310R0043	35.13 (1.38)	35.38 (1.39)		GSC1440	GS1440-G
GS1563	7TAA131990R0254	38.40 (1.51)	38.66 (1.52)		GSC1563	GS1563-G
GS1670	7TAI029100R0036	41.00 (1.61)	41.25 (1.62)		GSC1670	GS1670-G

Dimensions



Shield-Kon® – Two-piece connector – Circular range

Tooling

A small selection of pumps to operate the 13640 head is shown below (please contact your Sales Office for availability of other types of pumps).

Product Ref.: 13810E
GID number: 7TAA131990R0075

Characteristics
- Hydraulic pump, electrical power
- Service pressure (output): 10.000 psi (690 bar)
- Motor power: 1 1/2 HP - 12 Amp
- Voltage & frequency: 230V - 50 Hz
- Capability: 3800 cc / min at 200 psi (13.8 bar) 1000 cc / min at 8000 psi (552 bar)
- Reservoir volume: 7.6 l
- Coupling: Pioneer fitting
- Dimensions (L x W x H): 275 x 381 x 522mm (10.83 x 15.00 x 20.55in)
- Weight: 27kg without oil
- The Pump 13810E also requires one 13611 hand switch or one 13612 foot switch and one 13613 hydraulic hose

Product Ref.: 13606
GID number: 7TAA131680R0000

Characteristics
- Hydraulic pump, foot (or hand) activated
- Service pressure (output): 10.000 psi (690 bar)
- Over-pressure security valves
- Coupling: Pioneer fitting
- Dimensions (L x W x H): 597 x 133 x 165mm (23.50 x 5.24 x 6.50in)
- Weight: 10.4kg
- The pump 13606 also requires one 13613 hydraulic hose

Product Ref.: 13611
GID number: 7TAA131720R0001

Characteristics
- Hand switch

Product Ref.: 13612
GID number: 7TAA131720R0002

Characteristics
- Foot switch

Product Ref.: 13613
GID number: 7TAA131730R0001

Characteristics
- Hydraulic hose 1.82 m (5.97ft) long, with Pioneer couplings

Product Ref.: 21061
GID number: 7TAA131730R0007

Characteristics
- Hydraulic oil (0.95l can)

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Appendix

Part number index

Part. No.	GID No.	Page
4400	7TAA131310R0003	144
4401	7TAA131310R0004	144
4402	7TAA131300R0000	144
4403	7TAA131300R0001	144
4406	7TAA131300R0002	144
4408	7TAA131310R0005	144
4409	7TAA131310R0006	144
4410	7TAA131310R0007	144
4412	7TAA131310R0009	144
4414	7TAA131310R0010	144
4415	7TAA131310R0011	144
4416	7TAA131310R0012	144
4417	7TAA131310R0013	144
4419	7TAA131310R0014	144
5450	7TAA131310R0018	144
5451	7TAA131310R0019	144
5452	7TAA131310R0020	144
5454	7TAA131310R0021	144
5456	7TAA131310R0023	144
5457	7TAA131310R0024	144
13606	7TAA131680R0000	150
13611	7TAA131720R0001	150
13612	7TAA131720R0002	150
13613	7TAA131730R0001	150
13673	7TAA131850R0034	129
13681	7TAA131850R0036	129
13682	7TAA131850R0038	129
13683	7TAA131850R0039	129
13684	7TAA131850R0041	129
13685	7TAA131990R0071	129
13686	7TAA131990R0073	129
21061	7TAA131730R0007	150
204212	7TAI029020R0005	114
204212	7TAI029020R0005	116
204217	7TAI029010R0004	114
204217	7TAI029010R0004	116
210216	7TAI029020R0006	114
210216	7TAI029020R0006	116
210217	7TAI029010R0008	114
210217	7TAI029010R0008	116
210219	7TAI029020R0007	114
210219	7TAI029020R0007	116
220015	7TAI029010R0010	111
220016	7TAI029030R0009	113
220017	7TAI029010R0011	117
220018	7TAI029030R0010	117
220019	7TAI029020R0012	111
220020	7TAI029030R0011	113
220021	7TAI029020R0013	117
220022	7TAI029030R0012	117
220023	7TAI029020R0014	111

Part. No.	GID No.	Page
220024	7TAI029010R0012	113
220025	7TAI029010R0013	117
220026	7TAI029030R0013	117
314123	7TAI029020R0019	114
314123	7TAI029020R0019	116
314125	7TAI029030R0029	114
314125	7TAI029030R0029	116
10-BS	7TCA302520R0001	94
10M10	7TCA302310R0005	80
10M10-45	7TCA302340R0006	82
10M10-90	7TCA302370R0006	84
10M10-A	7TAA302010R0003	74
10M10-LB	7TCA302400R0006	86
10M5	7TCA302310R0002	80
10M5-45	7TCA302340R0003	82
10M5-90	7TCA302370R0003	84
10M5-A	7TAA302010R0000	74
10M5-LB	7TCA302400R0003	86
10M5-NP	7TCA302490R0002	92
10M6	7TCA302310R0003	80
10M6-45	7TCA302340R0004	82
10M6-90	7TCA302370R0004	84
10M6-A	7TAA302010R0001	74
10M6-A-45	7TAA302030R0004	77
10M6-A-90	7TAA302040R0000	78
10M6-LB	7TCA302400R0004	86
10M6-NP	7TCA302490R0003	92
10M8	7TCA302310R0004	80
10M8-45	7TCA302340R0005	82
10M8-90	7TCA302370R0005	84
10M8-A	7TAA302010R0002	74
10M8-A-45	7TAA302030R0005	77
10M8-A-90	7TAA302040R0001	78
10M8-LB	7TCA302400R0005	86
120-BS	7TCA302530R0003	94
120M10	7TCA302320R0013	81
120M10-2	7TCA302440R0006	88
120M10-2LB	7TCA302470R0006	90
120M10-45	7TCA302350R0013	83
120M10-90	7TCA302380R0013	85
120M10-A	7TAA302010R0030	75
120M10-A-2	7TAA302020R0010	76
120M10-A-45	7TAA302030R0017	77
120M10-A-90	7TAA302040R0017	78
120M10-LB	7TCA302410R0013	87
120M10-NP	7TCA302500R0010	93
120M12	7TCA302320R0014	81
120M12-2	7TCA302440R0007	88
120M12-2LB	7TCA302470R0007	90
120M12-45	7TCA302350R0014	83
120M12-90	7TCA302380R0014	85

Part. No.	GID No.	Page
120M12-A	7TAA302010R0031	75
120M12-A-2	7TAA302020R0011	76
120M12-A-45	7TAA302030R0018	77
120M12-A-90	7TAA302040R0018	78
120M12-LB	7TCA302410R0014	87
120M12-NP	7TCA302500R0011	93
120M16	7TCA302320R0015	81
120M16-45	7TCA302350R0015	83
120M16-90	7TCA302380R0015	85
120M16-A	7TAA302010R0032	75
120M16-A-45	7TAA302030R0019	77
120M16-A-90	7TAA302040R0019	78
120M16-LB	7TCA302410R0015	87
120M8	7TCA302320R0012	81
120M8-45	7TCA302350R0012	83
120M8-90	7TCA302380R0012	85
120M8-A	7TAA302010R0029	75
120M8-LB	7TCA302410R0012	87
120M8-NP	7TCA302500R0009	93
13100A	7TAA131620R0000	128
13670A	7TAA131850R0030	129
13670B	7TAA131850R0031	128
13671A	7TAA131850R0032	129
13671B	7TAA131850R0033	128
13673B	7TAA131850R0035	128
13681B	7TAA131850R0037	128
13683B	7TAA131850R0040	128
13810E	7TAA131990R0075	150
150-BS	7TCA302540R0000	94
150M10	7TCA302330R0001	81
150M10-2	7TCA302450R0000	88
150M10-2LB	7TCA302480R0000	90
150M10-45	7TCA302360R0001	83
150M10-90	7TCA302390R0001	85
150M10-A	7TAA302010R0033	75
150M10-A-2	7TAA302020R0012	76
150M10-A-45	7TAA302030R0020	77
150M10-A-90	7TAA302040R0020	78
150M10-LB	7TCA302420R0001	87
150M10-NP	7TCA302510R0001	93
150M12	7TCA302330R0002	81
150M12-2	7TCA302450R0001	88
150M12-2LB	7TCA302480R0001	90
150M12-45	7TCA302360R0002	83
150M12-90	7TCA302390R0002	85
150M12-A	7TAA302010R0034	75
150M12-A-2	7TAA302020R0013	76
150M12-A-45	7TAA302030R0021	77
150M12-A-90	7TAA302040R0021	78
150M12-LB	7TCA302420R0002	87
150M12-NP	7TCA302510R0002	93

Appendix

Part number index

Part. No.	GID No.	Page
150M16	7TCA302330R0003	81
150M16-45	7TCA302360R0003	83
150M16-90	7TCA302390R0003	85
150M16-A	7TAA302010R0035	75
150M16-A-45	7TAA302030R0022	77
150M16-A-90	7TAA302040R0022	78
150M16-LB	7TCA302420R0003	87
150M20	7TCA302330R0004	81
150M20-45	7TCA302360R0004	83
150M20-90	7TCA302390R0004	85
150M20-A	7TAA302010R0036	75
150M20-LB	7TCA302420R0004	87
150M8	7TCA302330R0000	81
150M8-45	7TCA302360R0000	83
150M8-90	7TCA302390R0000	85
150M8-LB	7TCA302420R0000	87
150M8-NP	7TCA302510R0000	93
16-BS	7TCA302520R0002	94
16M10	7TCA302310R0009	80
16M10-45	7TCA302340R0010	82
16M10-90	7TCA302370R0010	84
16M10-A	7TAA302010R0006	74
16M10-LB	7TCA302400R0010	86
16M12-A	7TAA302010R0007	74
16M5	7TCA302310R0006	80
16M5-45	7TCA302340R0007	82
16M5-90	7TCA302370R0007	84
16M5-LB	7TCA302400R0007	86
16M5-NP	7TCA302490R0004	92
16M6	7TCA302310R0007	80
16M6-45	7TCA302340R0008	82
16M6-90	7TCA302370R0008	84
16M6-A	7TAA302010R0004	74
16M6-A-45	7TAA302030R0006	77
16M6-A-90	7TAA302040R0002	78
16M6-LB	7TCA302400R0008	86
16M6-NP	7TCA302490R0005	92
16M8	7TCA302310R0008	80
16M8-45	7TCA302340R0009	82
16M8-90	7TCA302370R0009	84
16M8-A	7TAA302010R0005	74
16M8-A-45	7TAA302030R0007	77
16M8-A-90	7TAA302040R0003	78
16M8-LB	7TCA302400R0009	86
185-BS	7TCA302540R0001	94
185M10	7TCA302330R0005	81
185M10-2	7TCA302450R0002	89
185M10-2LB	7TCA302480R0002	91
185M10-45	7TCA302360R0005	83
185M10-90	7TCA302390R0005	85
185M10-A	7TAA302010R0037	75

Part. No.	GID No.	Page
185M10-A-2	7TAA302020R0014	76
185M10-A-45	7TAA302030R0023	77
185M10-A-90	7TAA302040R0027	78
185M10-LB	7TCA302420R0005	87
185M10-NP	7TCA302510R0004	93
185M12	7TCA302330R0006	81
185M12-2	7TCA302450R0003	89
185M12-2LB	7TCA302480R0003	91
185M12-45	7TCA302360R0006	83
185M12-90	7TCA302390R0006	85
185M12-A	7TAA302010R0038	75
185M12-A-2	7TAA302020R0015	76
185M12-A-45	7TAA302030R0024	77
185M12-A-90	7TAA302040R0028	78
185M12-LB	7TCA302420R0006	87
185M12-NP	7TCA302510R0005	93
185M16	7TCA302330R0007	81
185M16-45	7TCA302360R0007	83
185M16-90	7TCA302390R0007	85
185M16-A	7TAA302010R0039	75
185M16-A-45	7TAA302030R0025	77
185M16-A-90	7TAA302040R0029	78
185M16-LB	7TCA302420R0007	87
185M20	7TCA302330R0008	81
185M20-45	7TCA302360R0008	83
185M20-90	7TCA302390R0008	85
185M20-A	7TAA302010R0040	75
185M20-LB	7TCA302420R0008	87
185M8-NP	7TCA302510R0003	93
204210-1	7TAI029010R0000	115
204210-2	7TAI029020R0001	115
204210-3	7TAI029020R0002	115
204210-5	7TAI029020R0004	115
204210MT	7TAI029010R0006	124
204210S	7TAI029010R0002	108
204210SH	7TAI029010R0003	109
204MT14	7TAI029030R0002	125
204MT38	7TAI029030R0008	125
204T14	7TAI029980R0007	123
210214-1	7TAI029010R0005	115
210214-2	7TAI029030R0004	115
210214-3	7TAI029030R0005	115
210214MT	7TAI029010R0001	124
210214S	7TAI029010R0007	108
210MT14	7TAI029030R0007	125
210MT38	7TAI029030R0003	125
22F061	7TAI029030R0014	120
22F066	7TAI029020R0015	120
22F081	7TAI029030R0015	120
22F086	7TAI029030R0016	120
22F101	7TAI029030R0017	120

Part. No.	GID No.	Page
22F106	7TAI029020R0016	120
22L001	7TAI029030R0018	107
22L002	7TAI029030R0019	107
22L004	7TAI029030R0020	107
22L006	7TAI029010R0014	107
22L008	7TAI029010R0015	107
22L009	7TAI029010R0016	107
22L009H	7TAI029020R0017	110
22LF01	7TAI029030R0022	122
22LF06	7TAI029020R0018	122
22LM01	7TAI029030R0023	121
22LM06	7TAI029030R0023	121
22R061	7TAI029980R0017	118
22R081	7TAI029030R0024	118
22R086	7TAI029030R0025	118
22R101	7TAI029980R0019	118
22R106	7TAI029030R0026	118
22R146	7TAI029030R0027	119
240-BS	7TCA302540R0002	94
240M10	7TCA302330R0009	81
240M10-2	7TCA302450R0004	89
240M10-2LB	7TCA302480R0004	91
240M10-45	7TCA302360R0009	83
240M10-90	7TCA302390R0009	85
240M10-A	7TAA302010R0041	75
240M10-A-2	7TAA302020R0016	76
240M10-A-45	7TAA302030R0028	77
240M10-A-90	7TAA302040R0023	78
240M10-LB	7TCA302420R0009	87
240M10-NP	7TCA302510R0006	93
240M12	7TCA302330R0010	81
240M12-2	7TCA302450R0005	89
240M12-2LB	7TCA302480R0005	91
240M12-45	7TCA302360R0010	83
240M12-90	7TCA302390R0010	85
240M12-A	7TAA302010R0042	75
240M12-A-2	7TAA302020R0017	76
240M12-A-45	7TAA302030R0029	77
240M12-A-90	7TAA302040R0024	78
240M12-LB	7TCA302420R0010	87
240M12-NP	7TCA302510R0007	93
240M16	7TCA302330R0011	81
240M16-45	7TCA302360R0011	83
240M16-90	7TCA302390R0011	85
240M16-A	7TAA302010R0043	75
240M16-A-45	7TAA302030R0030	77
240M16-A-90	7TAA302040R0025	78
240M16-LB	7TCA302420R0011	87
240M16-NP	7TCA302510R0008	93
240M20	7TCA302330R0012	81
240M20-45	7TCA302360R0012	83

Appendix

Part number index

Part. No.	GID No.	Page
240M20-90	7TCA302390R0012	85
240M20-A	7TAA302010R0044	75
240M20-LB	7TCA302420R0012	87
25-BS	7TCA302520R0003	94
25M10	7TCA302310R0012	80
25M10-45	7TCA302340R0013	82
25M10-90	7TCA302370R0013	84
25M10-A	7TAA302010R0010	74
25M10-A-45	7TAA302030R0010	77
25M10-A-90	7TAA302040R0006	78
25M10-LB	7TCA302400R0013	86
25M12-A	7TAA302010R0011	74
25M6	7TCA302310R0010	80
25M6-2	7TCA302430R0000	88
25M6-2LB	7TCA302460R0000	90
25M6-45	7TCA302340R0011	82
25M6-90	7TCA302370R0011	84
25M6-A	7TAA302010R0008	74
25M6-A-2	7TAA302020R0000	76
25M6-A-45	7TAA302030R0008	77
25M6-A-90	7TAA302040R0004	78
25M6-LB	7TCA302400R0011	86
25M6-NP	7TCA302490R0006	92
25M8	7TCA302310R0011	80
25M8-2	7TCA302430R0001	88
25M8-2LB	7TCA302460R0001	90
25M8-45	7TCA302340R0012	82
25M8-90	7TCA302370R0012	84
25M8-A	7TAA302010R0009	74
25M8-A-2	7TAA302020R0001	76
25M8-A-45	7TAA302030R0009	77
25M8-A-90	7TAA302040R0005	78
25M8-LB	7TCA302400R0012	86
25M8-NP	7TCA302490R0007	92
2FER0308P-G	7TCA301140R0331	59
2FER0508P-D	7TCA301140R0357	59
2FER0508P-F	7TCA301140R0382	59
2FER0508P-G	7TCA301140R0332	59
2FER0510P-D	7TCA301140R0358	59
2FER0510P-F	7TCA301140R0383	59
2FER0510P-G	7TCA301140R0343	59
2FER0512P-D	7TCA301140R0359	59
2FER0512P-F	7TCA301140R0384	59
2FER0512P-G	7TCA301140R0342	59
2FER10012P-D	7TCA301140R0379	62
2FER10012P-F	7TCA301140R0396	62
2FER10012P-G	7TCA301140R0353	62
2FER10018P-D	7TCA301140R0380	62
2FER10018P-F	7TCA301140R0404	62
2FER10018P-G	7TCA301140R0354	62
2FER1008P-D	7TCA301140R0364	60

Part. No.	GID No.	Page
2FER1008P-F	7TCA301140R0390	60
2FER1008P-G	7TCA301140R0337	60
2FER1012P-D	7TCA301140R0365	60
2FER1012P-F	7TCA301140R0389	60
2FER1012P-G	7TCA301140R0338	60
2FER1014P-D	7TCA301140R0367	60
2FER1014P-F	7TCA301140R0388	60
2FER1014P-G	7TCA301140R0339	60
2FER1018P-D	7TCA301140R0368	60
2FER1018P-F	7TCA301140R0385	60
2FER1018P-G	7TCA301140R0340	60
2FER1508P-D	7TCA301140R0366	60
2FER1508P-F	7TCA301140R0387	60
2FER1508P-G	7TCA301140R0341	61
2FER1512P-D	7TCA301140R0369	60
2FER1512P-F	7TCA301140R0394	60
2FER1512P-G	7TCA301140R0344	61
2FER1518P-D	7TCA301140R0372	60
2FER1518P-F	7TCA301140R0398	60
2FER1518P-G	7TCA301140R0346	61
2FER16016P-D	7TCA301140R0381	62
2FER16016P-F	7TCA301140R0405	62
2FER16016P-G	7TCA301140R0356	62
2FER16025P-D	7TCA301140R0371	62
2FER16025P-F	7TCA301140R0406	62
2FER2510P-D	7TCA301140R0373	61
2FER2510P-F	7TCA301140R0395	61
2FER2510P-G	7TCA301140R0345	61
2FER2512P-D	7TCA301140R0374	61
2FER2512P-F	7TCA301140R0403	61
2FER2512P-G	7TCA301140R0347	61
2FER2518P-D	7TCA301140R0375	61
2FER2518P-F	7TCA301140R0402	61
2FER2518P-G	7TCA301140R0351	61
2FER4012P-D	7TCA301140R0376	61
2FER4012P-F	7TCA301140R0401	61
2FER4012P-G	7TCA301140R0348	61
2FER4018P-D	7TCA301140R0370	61
2FER4018P-D	7TCA301140R0370	62
2FER4018P-F	7TCA301140R0400	61
2FER4018P-G	7TCA301140R0349	61
2FER6012P-D	7TCA301140R0377	61
2FER6012P-F	7TCA301140R0399	61
2FER6012P-G	7TCA301140R0350	62
2FER6018P-D	7TCA301140R0378	61
2FER6018P-F	7TCA301140R0397	61
2FER6018P-G	7TCA301140R0352	62
2FER7508P-D	7TCA301140R0360	59
2FER7508P-F	7TCA301140R0386	59
2FER7508P-G	7TCA301140R0333	60
2FER7510P-D	7TCA301140R0361	59

Part. No.	GID No.	Page
2FER7510P-F	7TCA301140R0393	59
2FER7510P-G	7TCA301140R0334	60
2FER7512P-D	7TCA301140R0362	59
2FER7512P-F	7TCA301140R0392	59
2FER7512P-G	7TCA301140R0335	60
2FER7518P-D	7TCA301140R0363	59
2FER7518P-F	7TCA301140R0391	59
2FER7518P-G	7TCA301140R0336	60
300-BS	7TCA302540R0003	94
300M10	7TCA302330R0013	81
300M10-2	7TCA302450R0006	89
300M10-2LB	7TCA302480R0006	91
300M10-45	7TCA302360R0013	83
300M10-90	7TCA302390R0013	85
300M10-A	7TAA302010R0045	75
300M10-A-2	7TAA302020R0019	76
300M10-LB	7TCA302420R0013	87
300M10-NP	7TCA302510R0009	93
300M12	7TCA302330R0014	81
300M12-2	7TCA302450R0007	89
300M12-2LB	7TCA302480R0007	91
300M12-45	7TCA302360R0014	83
300M12-90	7TCA302390R0014	85
300M12-A	7TAA302010R0046	75
300M12-A-2	7TAA302020R0018	76
300M12-LB	7TCA302420R0014	87
300M12-NP	7TCA302510R0010	93
300M16	7TCA302330R0015	81
300M16-45	7TCA302360R0015	83
300M16-90	7TCA302390R0015	85
300M16-A	7TAA302010R0047	75
300M16-LB	7TCA302420R0015	87
300M16-NP	7TCA302510R0011	93
300M20	7TCA302330R0016	81
300M20-45	7TCA302360R0016	83
300M20-90	7TCA302390R0016	85
300M20-A	7TAA302010R0048	75
300M20-LB	7TCA302420R0016	87
300M24-A	7TAA302010R0049	75
314118S	7TAI029030R0028	112
35-BS	7TCA302520R0004	94
35M10	7TCA302310R0015	80
35M10-2	7TCA302430R0003	88
35M10-2LB	7TCA302460R0003	90
35M10-45	7TCA302340R0016	82
35M10-90	7TCA302370R0016	84
35M10-A	7TAA302010R0014	74
35M10-A-45	7TAA302030R0013	77
35M10-A-90	7TAA302040R0009	78
35M10-LB	7TCA302400R0016	86
35M12	7TCA302310R0016	80

Appendix

Part number index

Part. No.	GID No.	Page
35M12-45	7TCA302340R0017	82
35M12-90	7TCA302370R0017	84
35M12-A	7TAA302010R0015	74
35M12-LB	7TCA302400R0017	86
35M6	7TCA302310R0013	80
35M6-45	7TCA302340R0014	82
35M6-90	7TCA302370R0014	84
35M6-A	7TAA302010R0012	74
35M6-A-2	7TAA302020R0002	76
35M6-A-45	7TAA302030R0011	77
35M6-A-90	7TAA302040R0007	78
35M6-LB	7TCA302400R0014	86
35M6-NP	7TCA302490R0008	92
35M8	7TCA302310R0014	80
35M8-2	7TCA302430R0002	88
35M8-2LB	7TCA302460R0002	90
35M8-45	7TCA302340R0015	82
35M8-90	7TCA302370R0015	84
35M8-A	7TAA302010R0013	74
35M8-A-2	7TAA302020R0003	76
35M8-A-45	7TAA302030R0012	77
35M8-A-90	7TAA302040R0008	78
35M8-LB	7TCA302400R0015	86
35M8-NP	7TCA302490R0009	92
400-BS	7TCA302540R0004	94
400M12	7TCA302330R0017	81
400M12-2	7TCA302450R0008	89
400M12-2LB	7TCA302480R0008	91
400M12-45	7TCA302360R0017	83
400M12-90	7TCA302390R0017	85
400M12-A	7TAA302010R0050	75
400M12-LB	7TCA302420R0017	87
400M16	7TCA302330R0018	81
400M16-45	7TCA302360R0018	83
400M16-90	7TCA302390R0018	85
400M16-A	7TAA302010R0051	75
400M16-LB	7TCA302420R0018	87
400M20	7TCA302330R0019	81
400M20-45	7TCA302360R0019	83
400M20-90	7TCA302390R0019	85
400M20-A	7TAA302010R0052	75
400M20-LB	7TCA302420R0019	87
400M24-A	7TAA302010R0053	75
4411-SK	7TAA131310R0008	144
50-BS	7TCA302530R0000	94
50M10	7TCA302320R0002	80
50M10-2	7TCA302440R0000	88
50M10-2LB	7TCA302470R0000	90
50M10-45	7TCA302350R0002	82
50M10-90	7TCA302380R0002	84
50M10-A	7TAA302010R0018	74

Part. No.	GID No.	Page
50M10-A-2	7TAA302020R0004	76
50M10-A-45	7TAA302030R0014	77
50M10-A-90	7TAA302040R0011	78
50M10-LB	7TCA302410R0002	86
50M10-NP	7TCA302500R0002	92
50M12	7TCA302320R0003	80
50M12-2	7TCA302440R0001	88
50M12-2LB	7TCA302470R0001	90
50M12-45	7TCA302350R0003	82
50M12-90	7TCA302380R0003	84
50M12-A	7TAA302010R0019	74
50M12-A-2	7TAA302020R0005	76
50M12-A-45	7TAA302030R0000	77
50M12-A-90	7TAA302040R0030	78
50M12-LB	7TCA302410R0003	86
50M6	7TCA302320R0000	80
50M6-45	7TCA302350R0000	82
50M6-90	7TCA302380R0000	84
50M6-A	7TAA302010R0016	74
50M6-LB	7TCA302410R0000	86
50M6-NP	7TCA302500R0000	92
50M8	7TCA302320R0001	80
50M8-45	7TCA302350R0001	82
50M8-90	7TCA302380R0001	84
50M8-A	7TAA302010R0017	74
50M8-A-45	7TAA302030R0015	77
50M8-A-90	7TAA302040R0010	78
50M8-LB	7TCA302410R0001	86
50M8-NP	7TCA302500R0001	92
6-BS	7TCA302520R0000	94
6M10-A	7TAA302010R0056	74
6M4-A	7TAA302010R0054	74
6M5	7TCA302310R0017	80
6M5-45	7TCA302340R0000	82
6M5-90	7TCA302370R0000	84
6M5-A	7TAA302010R0057	74
6M5-LB	7TCA302400R0000	86
6M5-NP	7TCA302490R0000	92
6M6	7TCA302310R0000	80
6M6-45	7TCA302340R0001	82
6M6-90	7TCA302370R0001	84
6M6-A	7TAA302010R0058	74
6M6-A-45	7TAA302030R0031	77
6M6-A-90	7TAA302040R0000	78
6M6-LB	7TCA302400R0001	86
6M6-NP	7TCA302490R0001	92
6M8	7TCA302310R0001	80
6M8-45	7TCA302340R0002	82
6M8-90	7TCA302370R0002	84
6M8-A	7TAA302010R0055	74
6M8-A-45	7TAA302030R0032	77

Part. No.	GID No.	Page
6M8-A-90	7TAA302040R0001	78
6M8-LB	7TCA302400R0002	86
70-BS	7TCA302530R0001	94
70M10	7TCA302320R0006	80
70M10-2	7TCA302440R0002	88
70M10-2LB	7TCA302470R0002	90
70M10-45	7TCA302350R0006	82
70M10-90	7TCA302380R0006	84
70M10-A	7TAA302010R0022	75
70M10-A-2	7TAA302020R0006	76
70M10-A-45	7TAA302030R0027	77
70M10-A-90	7TAA302040R0013	78
70M10-LB	7TCA302410R0006	86
70M10-NP	7TCA302500R0005	92
70M12	7TCA302320R0007	80
70M12-2	7TCA302440R0003	88
70M12-2LB	7TCA302470R0003	90
70M12-45	7TCA302350R0007	82
70M12-90	7TCA302380R0007	84
70M12-A	7TAA302010R0023	75
70M12-A-2	7TAA302020R0007	76
70M12-A-45	7TAA302030R0016	77
70M12-A-90	7TAA302040R0026	78
70M12-LB	7TCA302410R0007	86
70M16-A	7TAA302010R0024	75
70M6	7TCA302320R0004	80
70M6-45	7TCA302350R0004	82
70M6-90	7TCA302380R0004	84
70M6-A	7TAA302010R0020	75
70M6-LB	7TCA302410R0004	86
70M6-NP	7TCA302500R0003	92
70M8	7TCA302320R0005	80
70M8-45	7TCA302350R0005	82
70M8-90	7TCA302380R0005	84
70M8-A	7TAA302010R0021	75
70M8-A-45	7TAA302030R0026	77
70M8-A-90	7TAA302040R0012	78
70M8-LB	7TCA302410R0005	86
70M8-NP	7TCA302500R0004	92
95-BS	7TCA302530R0002	94
95M10	7TCA302320R0009	81
95M10-2	7TCA302440R0004	88
95M10-2LB	7TCA302470R0004	90
95M10-45	7TCA302350R0009	83
95M10-90	7TCA302380R0009	85
95M10-A	7TAA302010R0026	75
95M10-A-2	7TAA302020R0008	76
95M10-A-45	7TAA302030R0001	77
95M10-A-90	7TAA302040R0014	78
95M10-LB	7TCA302410R0009	87
95M10-NP	7TCA302500R0007	92

Appendix

Part number index

Part. No.	GID No.	Page
95M12	7TCA302320R0010	81
95M12-2	7TCA302440R0005	88
95M12-2LB	7TCA302470R0005	90
95M12-45	7TCA302350R0010	83
95M12-90	7TCA302380R0010	85
95M12-A	7TAA302010R0027	75
95M12-A-2	7TAA302020R0009	76
95M12-A-45	7TAA302030R0002	77
95M12-A-90	7TAA302040R0015	78
95M12-LB	7TCA302410R0010	87
95M12-NP	7TCA302500R0008	92
95M16	7TCA302320R0011	81
95M16-45	7TCA302350R0011	83
95M16-90	7TCA302380R0011	85
95M16-A	7TAA302010R0028	75
95M16-A-45	7TAA302030R0003	77
95M16-A-90	7TAA302040R0016	78
95M16-LB	7TCA302410R0011	87
95M8	7TCA302320R0008	81
95M8-45	7TCA302350R0008	83
95M8-90	7TCA302380R0008	85
95M8-A	7TAA302010R0025	75
95M8-LB	7TCA302410R0008	87
95M8-NP	7TCA302500R0006	92
B-CK 400	7TCA131530R0002	95
B-CUT 50	7TCA131530R0006	98
B-IC6 240	7TCA131530R0001	95
B1.5-2029NDC	7TCA301100R0096	24
B1.5-2223	7TCA301010R0178	45
B1.5-2228VDC	7TCA301300R0301	21
B1.5-2228VSC	7TCA301300R0288	20
B1.5-2229NDC	7TCA301100R0095	24
B1.5-2315	7TCA301010R0174	45
B1.5-2320VDC	7TCA301300R0297	21
B1.5-2320VSC	7TCA301300R0284	20
B1.5-2321NDC	7TCA301100R0091	24
B1.5-2418	7TCA301010R0176	45
B1.5-2419	7TCA301010R0177	45
B1.5-2423VDC	7TCA301300R0299	21
B1.5-2423VSC	7TCA301300R0286	20
B1.5-2424VDC	7TCA301300R0300	21
B1.5-2424VSC	7TCA301300R0287	20
B1.5-2814	7TCA301010R0173	45
B1.5-2819VDC	7TCA301300R0296	21
B1.5-2819VSC	7TCA301300R0283	20
B1.5-2820NDC	7TCA301100R0090	24
B1.5-3016	7TCA301010R0175	45
B1.5-3021VDC	7TCA301300R0298	21
B1.5-3021VSC	7TCA301300R0285	20
B1.5-3022NDC	7TCA301100R0092	24
B1.5-3024NDC	7TCA301100R0093	24

Part. No.	GID No.	Page
B1.5-3025NDC	7TCA301100R0094	24
B2.5-2029NDC	7TCA301100R0101	24
B2.5-2223	7TCA301010R0183	45
B2.5-2228VDC	7TCA301300R0306	21
B2.5-2228VSC	7TCA301300R0292	20
B2.5-2229NDC	7TCA301100R0102	24
B2.5-2315	7TCA301010R0180	45
B2.5-2320VDC	7TCA301300R0303	21
B2.5-2320VSC	7TCA301300R0290	20
B2.5-2418	7TCA301010R0181	45
B2.5-2419	7TCA301010R0182	45
B2.5-2421NDC	7TCA301100R0097	24
B2.5-2423VDC	7TCA301300R0304	21
B2.5-2424NDC	7TCA301100R0098	24
B2.5-2424VDC	7TCA301300R0305	21
B2.5-2424VSC	7TCA301300R0291	20
B2.5-2814	7TCA301010R0179	45
B2.5-2819VDC	7TCA301300R0302	21
B2.5-2819VSC	7TCA301300R0289	20
B2.5-2820NDC	7TCA301100R0158	24
B2.5-3025NDC	7TCA301100R0100	24
B6-2031NDC	7TCA301100R0106	24
B6-2228VDC	7TCA301300R0307	21
B6-2816	7TCA301010R0184	45
B6-2823NDC	7TCA301100R0103	24
B6-2823VSC	7TCA301300R0293	20
B6-4027NDC	7TCA301100R0104	24
B6-4520	7TCA301010R0185	45
B6-4524	7TCA301010R0186	45
B6-4527NDC	7TCA301100R0105	24
B6-4527VDC	7TCA301300R0308	21
B6-4527VSC	7TCA301300R0294	20
B6-4531NDC	7TCA301100R0107	24
B6-4531VDC	7TCA301300R0309	21
B6-4531VSC	7TCA301300R0295	20
BAIR22-6	7TAA131180R0001	127
BD1.5-4NDC	7TCA301110R0084	36
BD2.5-4NDC	7TCA301110R0085	36
BD2.5-5NDC	7TCA301110R0086	36
BS1.5	7TCA301010R0143	47
BS1.5VSC	7TCA301300R0205	28
BS2.5	7TCA301010R0144	47
BS2.5VSC	7TCA301300R0206	28
BS6	7TCA301010R0145	47
BS6VSC	7TCA301300R0207	28
D-101A	7TCA131310R0026	139
D-101B	7TCA131310R0027	139
D-201C	7TCA131310R0028	139
D-201D	7TCA131310R0029	139
D-201E	7TCA131310R0030	139
D-201F	7TCA131310R0031	139

Part. No.	GID No.	Page
D-301G	7TCA131310R0032	139
D-301H	7TCA131310R0033	139
D-301J	7TCA131310R0034	139
D-401K	7TCA131310R0035	139
D-401L	7TCA131310R0036	139
D-401M	7TCA131310R0037	139
D-401N	7TCA131310R0038	139
D-406410	7TCA131990R0212	143
D-406410	7TCA131990R0212	145
D-411414	7TCA131050R0004	143
D-411414	7TCA131050R0004	145
D-415417	7TCA131050R0005	143
D-415417	7TCA131050R0005	145
D-419403	7TCA131990R0213	143
D-419403	7TCA131990R0213	145
D-450451	7TCA131050R0006	143
D-450451	7TCA131050R0006	145
D-452	7TCA131990R0214	143
D-452	7TCA131990R0214	145
D-454	7TCA131050R0007	143
D-454	7TCA131050R0007	145
DIE1801	7TAA131150R0067	127
DIE1802	7TAI029980R0140	127
DIE1804	7TAI029980R0141	127
DIE1806	7TAA131150R0068	127
ERG4	7TAA131100R0000	67
ERG4000KE	7TCA131000R0020	145
ERG4801	7TAA131230R0007	127
ERG4802	7TAA131230R0008	127
ERG4804	7TAA131230R0009	127
ERG4806	7TAA131220R0002	127
ERG4811	7TAA131230R0010	127
ERG5456	7TCA131990R0227	143
ERG5456	7TCA131990R0227	146
ERG5457	7TCA131990R0228	143
ERG5457	7TCA131990R0228	146
ERG740	7TCA131130R0000	139
ERG740-01	7TCA131990R0250	139
ERG9001	7TCA131040R0019	66
ERG9002	7TCA131040R0020	66
ERG9003	7TCA131040R0021	66
ERG9004	7TCA131040R0022	66
F-Pump 400	7TCA131530R0009	99
F1.5-3	7TCA301010R0104	44
F1.5-35	7TCA301010R0105	44
F1.5-35NDC	7TCA301100R0077	18
F1.5-35NDC-DIN	7TCA301120R0060	19
F1.5-35VDC	7TCA301300R0237	16
F1.5-35VDC-DIN	7TCA301320R0097	17
F1.5-35VSC	7TCA301300R0172	14
F1.5-35VSC-DIN	7TCA301320R0060	15

Appendix

Part number index

Part. No.	GID No.	Page
F1.5-3NDC	7TCA301100R0076	18
F1.5-3NDC-DIN	7TCA301120R0060	19
F1.5-3VDC	7TCA301300R0236	16
F1.5-3VDC-DIN	7TCA301320R0096	17
F1.5-3VSC	7TCA301300R0171	14
F1.5-3VSC-DIN	7TCA301320R0059	15
F1.5-4	7TCA301010R0106	44
F1.5-4NDC	7TCA301100R0078	18
F1.5-4NDC-DIN	7TCA301120R0061	19
F1.5-4VDC	7TCA301300R0238	16
F1.5-4VDC-DIN	7TCA301320R0098	17
F1.5-4VSC	7TCA301300R0173	14
F1.5-4VSC-DIN	7TCA301320R0061	15
F1.5-5	7TCA301010R0107	44
F1.5-5NDC	7TCA301100R0079	18
F1.5-5NDC-DIN	7TCA301120R0062	19
F1.5-5VDC	7TCA301300R0239	16
F1.5-5VDC-DIN	7TCA301320R0099	17
F1.5-5VSC	7TCA301300R0174	14
F1.5-5VSC-DIN	7TCA301320R0062	15
F1.5-6	7TCA301010R0108	44
F1.5-6NDC	7TCA301100R0080	18
F1.5-6NDC-DIN	7TCA301120R0063	19
F1.5-6VDC	7TCA301300R0240	16
F1.5-6VDC-DIN	7TCA301320R0100	17
F1.5-6VSC	7TCA301300R0175	14
F1.5-6VSC-DIN	7TCA301320R0063	15
F2.5-3	7TCA301010R0109	44
F2.5-35	7TCA301010R0110	44
F2.5-35NDC	7TCA301100R0082	18
F2.5-35NDC-DIN	7TCA301120R0065	19
F2.5-35VDC	7TCA301300R0242	16
F2.5-35VDC-DIN	7TCA301320R0102	17
F2.5-35VSC	7TCA301300R0177	14
F2.5-35VSC-DIN	7TCA301320R0065	15
F2.5-3NDC	7TCA301100R0081	18
F2.5-3NDC-DIN	7TCA301120R0064	19
F2.5-3VDC	7TCA301300R0241	16
F2.5-3VDC-DIN	7TCA301320R0101	17
F2.5-3VSC	7TCA301300R0176	14
F2.5-3VSC-DIN	7TCA301320R0064	15
F2.5-4	7TCA301010R0111	44
F2.5-4NDC	7TCA301100R0083	18
F2.5-4NDC-DIN	7TCA301120R0066	19
F2.5-4VDC	7TCA301300R0243	16
F2.5-4VDC-DIN	7TCA301320R0103	17
F2.5-4VSC	7TCA301300R0178	14
F2.5-4VSC-DIN	7TCA301320R0066	15
F2.5-5	7TCA301010R0112	44
F2.5-5NDC	7TCA301100R0084	18
F2.5-5NDC-DIN	7TCA301120R0067	19

Part. No.	GID No.	Page
F2.5-5VDC	7TCA301300R0244	16
F2.5-5VDC-DIN	7TCA301320R0104	17
F2.5-5VSC	7TCA301300R0179	14
F2.5-5VSC-DIN	7TCA301320R0067	15
F2.5-6	7TCA301010R0113	44
F2.5-6NDC	7TCA301100R0085	18
F2.5-6NDC-DIN	7TCA301120R0068	19
F2.5-6VDC	7TCA301300R0245	16
F2.5-6VDC-DIN	7TCA301320R0105	17
F2.5-6VSC	7TCA301300R0180	14
F2.5-6VSC-DIN	7TCA301320R0068	15
F6-10NDC-DIN	7TCA301120R0072	19
F6-10VDC-DIN	7TCA301320R0110	17
F6-10VSC-DIN	7TCA301320R0073	15
F6-35	7TCA301010R0172	44
F6-35NDC	7TCA301100R0157	18
F6-35VDC	7TCA301300R0282	16
F6-35VSC	7TCA301300R0281	14
F6-4	7TCA301010R0114	44
F6-4NDC	7TCA301100R0086	18
F6-4NDC-DIN	7TCA301120R0075	19
F6-4VDC	7TCA301300R0246	16
F6-4VDC-DIN	7TCA301320R0106	17
F6-4VSC	7TCA301300R0181	14
F6-4VSC-DIN	7TCA301320R0069	15
F6-5	7TCA301010R0115	44
F6-5NDC	7TCA301100R0087	18
F6-5NDC-DIN	7TCA301120R0069	19
F6-5VDC	7TCA301300R0247	16
F6-5VDC-DIN	7TCA301320R0107	17
F6-5VSC	7TCA301300R0182	14
F6-5VSC-DIN	7TCA301320R0070	15
F6-6	7TCA301010R0116	44
F6-6NDC	7TCA301100R0088	18
F6-6NDC-DIN	7TCA301120R0070	19
F6-6VDC	7TCA301300R0248	16
F6-6VDC-DIN	7TCA301320R0108	17
F6-6VSC	7TCA301300R0183	14
F6-6VSC-DIN	7TCA301320R0071	15
F6-8	7TCA301010R0117	44
F6-8NDC	7TCA301100R0089	18
F6-8NDC-DIN	7TCA301120R0071	19
F6-8VDC	7TCA301300R0249	16
F6-8VDC-DIN	7TCA301320R0109	17
F6-8VSC	7TCA301300R0184	14
F6-8VSC-DIN	7TCA301320R0072	15
FD1.5-285	7TCA301010R0146	48
FD1.5-285NDC	7TCA301110R0056	33
FD1.5-285VDC	7TCA301310R0040	29
FD1.5-288	7TCA301010R0147	48
FD1.5-2885NDC	7TCA301110R0057	33

Part. No.	GID No.	Page
FD1.5-288VDC	7TCA301310R0041	29
FD1.5-485	7TCA301010R0148	48
FD1.5-485NDC	7TCA301110R0058	33
FD1.5-485VDC	7TCA301310R0042	29
FD1.5-488	7TCA301010R0149	48
FD1.5-488NDC	7TCA301110R0059	33
FD1.5-488VDC	7TCA301310R0043	29
FD1.5-638	7TCA301010R0150	48
FD1.5-638NDC	7TCA301110R0060	33
FD1.5-638VDC	7TCA301310R0044	29
FD2.5-285	7TCA301010R0151	48
FD2.5-285NDC	7TCA301110R0105	33
FD2.5-285VDC	7TCA301310R0077	29
FD2.5-288	7TCA301010R0152	48
FD2.5-288NDC	7TCA301110R0106	33
FD2.5-288VDC	7TCA301310R0078	29
FD2.5-485	7TCA301010R0153	48
FD2.5-485NDC	7TCA301110R0061	33
FD2.5-485VDC	7TCA301310R0045	29
FD2.5-488	7TCA301010R0154	48
FD2.5-488NDC	7TCA301110R0062	33
FD2.5-488VDC	7TCA301310R0046	29
FD2.5-638	7TCA301010R0155	48
FD2.5-638NDC	7TCA301110R0063	33
FD2.5-638VDC	7TCA301310R0047	29
FD6-638	7TCA301010R0156	48
FD6-638NDC	7TCA301110R0064	33
FD6-638VDC	7TCA301310R0048	29
FER0106P-F	7TCA301140R0276	50
FER0106P-G	7TCA301140R0183	50
FER0108P-F	7TCA301140R0277	50
FER0108P-G	7TCA301140R0182	50
FER01407UN	7TCA301050R0114	63
FER0205UN	7TCA301050R0115	63
FER0206P-G	7TCA301140R0181	50
FER0206P-PF	7TCA301140R0278	50
FER0206P-YF	7TCA301140R0279	50
FER0207UN	7TCA301050R0116	63
FER0208P-G	7TCA301140R0184	50
FER0208P-PF	7TCA301140R0280	50
FER0208P-YF	7TCA301140R0281	50
FER0212P-G	7TCA301140R0193	50
FER0212P-PF	7TCA301140R0287	50
FER0305UN	7TCA301050R0117	63
FER0306P-G	7TCA301140R0192	50
FER0306P-PF	7TCA301140R0283	50
FER0306P-SF	7TCA301140R0436	55
FER0306P-SG	7TCA301140R0408	55
FER0306P-YF	7TCA301140R0284	50
FER0307UN	7TCA301050R0118	63
FER0308P-G	7TCA301140R0331	50

Appendix

Part number index

Part. No.	GID No.	Page
FER0308P-PF	7TCA301140R0285	50
FER0308P-SF	7TCA301140R0438	55
FER0308P-SG	7TCA301140R0407	55
FER0308P-YF	7TCA301140R0286	50
FER0312P-G	7TCA301140R0190	50
FER0312P-PF	7TCA301140R0282	50
FER0506P-D	7TCA301140R0238	50
FER0506P-F	7TCA301140R0288	50
FER0506P-G	7TCA301140R0189	51
FER0506UN	7TCA301050R0119	63
FER0507UN	7TCA301050R0120	63
FER0508P-D	7TCA301140R0357	50
FER0508P-F	7TCA301140R0289	50
FER0508P-G	7TCA301140R0188	51
FER0508P-SD	7TCA301140R0422	55
FER0508P-SF	7TCA301140R0439	55
FER0508P-SG	7TCA301140R0414	55
FER0508UN	7TCA301050R0121	63
FER0510P-D	7TCA301140R0236	50
FER0510P-F	7TCA301140R0383	50
FER0510P-G	7TCA301140R0187	51
FER0510P-SD	7TCA301140R0424	55
FER0510P-SF	7TCA301140R0437	55
FER0510P-SG	7TCA301140R0413	55
FER0510UN	7TCA301050R0122	63
FER0512P-D	7TCA301140R0359	50
FER0512P-F	7TCA301140R0291	50
FER0512P-G	7TCA301140R0180	51
FER0512P-SD	7TCA301140R0423	55
FER0512P-SF	7TCA301140R0441	55
FER0512P-SG	7TCA301140R0409	55
FER0512UN	7TCA301050R0123	63
FER10012P-D	7TCA301140R0261	53
FER10012P-F	7TCA301140R0320	53
FER10012P-G	7TCA301140R0353	53
FER10012P-SCD	7TCA301140R0462	58
FER10012P-WG	7TCA301140R0456	57
FER10012UN	7TCA301050R0161	64
FER10015UN	7TCA301050R0162	64
FER10018P-D	7TCA301140R0380	53
FER10018P-F	7TCA301140R0404	53
FER10018P-G	7TCA301140R0220	53
FER10018UN	7TCA301050R0163	64
FER10020UN	7TCA301050R0164	64
FER10025UN	7TCA301050R0165	64
FER1006P-D	7TCA301140R0243	51
FER1006P-F	7TCA301140R0298	51
FER1006P-G	7TCA301140R0202	51
FER1006UN	7TCA301050R0129	63
FER1007UN	7TCA301050R0130	63
FER1008P-D	7TCA301140R0364	51

Part. No.	GID No.	Page
FER1008P-F	7TCA301140R0297	51
FER1008P-G	7TCA301140R0337	51
FER1008P-SD	7TCA301140R0432	55
FER1008P-SF	7TCA301140R0445	55
FER1008P-SG	7TCA301140R0416	56
FER1008UN	7TCA301050R0131	63
FER1010P-D	7TCA301140R0245	51
FER1010P-F	7TCA301140R0301	51
FER1010P-G	7TCA301140R0200	51
FER1010P-SD	7TCA301140R0431	55
FER1010P-SF	7TCA301140R0440	55
FER1010P-SG	7TCA301140R0415	56
FER1010UN	7TCA301050R0132	63
FER1012P-D	7TCA301140R0365	51
FER1012P-F	7TCA301140R0389	51
FER1012P-G	7TCA301140R0197	51
FER1012P-SD	7TCA301140R0430	55
FER1012P-SF	7TCA301140R0446	55
FER1012P-SG	7TCA301140R0417	56
FER1012UN	7TCA301050R0133	63
FER1015UN	7TCA301050R0134	63
FER120030P-G	7TCA301140R0228	54
FER12032UN	7TCA301050R0193	65
FER150032P-G	7TCA301140R0234	54
FER15032UN	7TCA301050R0194	65
FER15038UN	7TCA301050R0195	65
FER1506P-D	7TCA301140R0247	51
FER1506P-F	7TCA301140R0300	52
FER1506P-G	7TCA301140R0196	52
FER1506UN1	7TCA301050R0135	63
FER1507UN	7TCA301050R0136	63
FER1508P-D	7TCA301140R0366	51
FER1508P-F	7TCA301140R0302	52
FER1508P-G	7TCA301140R0341	52
FER1508P-SCD	7TCA301140R0457	58
FER1508P-SD	7TCA301140R0429	56
FER1508P-SF	7TCA301140R0450	56
FER1508P-SG	7TCA301140R0419	56
FER1508UN	7TCA301050R0137	63
FER1510P-D	7TCA301140R0249	51
FER1510P-F	7TCA301140R0303	52
FER1510P-G	7TCA301140R0198	52
FER1510P-SCD	7TCA301140R0458	58
FER1510P-SD	7TCA301140R0428	56
FER1510P-SF	7TCA301140R0451	56
FER1510UN	7TCA301050R0138	63
FER1512P-D	7TCA301140R0369	51
FER1512P-F	7TCA301140R0304	52
FER1512P-G	7TCA301140R0344	52
FER1512P-SD	7TCA301140R0427	56
FER1512P-SF	7TCA301140R0449	56

Part. No.	GID No.	Page
FER1512P-SG	7TCA301140R0418	56
FER1512UN	7TCA301050R0139	63
FER1515UN	7TCA301050R0140	63
FER1518P-D	7TCA301140R0251	51
FER1518P-F	7TCA301140R0398	52
FER1518P-G	7TCA301140R0208	52
FER1518UN	7TCA301050R0141	63
FER1520UN	7TCA301050R0142	63
FER16012P-D	7TCA301140R0266	53
FER16012P-F	7TCA301140R0319	53
FER16012P-G	7TCA301140R0221	53
FER16012P-SCD	7TCA301140R0463	58
FER16012UN	7TCA301050R0166	64
FER16015UN	7TCA301050R0167	64
FER16018P-D	7TCA301140R0265	53
FER16018P-F	7TCA301140R0322	53
FER16018P-G	7TCA301140R0222	53
FER16018UN	7TCA301050R0168	64
FER16020UN	7TCA301050R0169	64
FER16025UN	7TCA301050R0170	64
FER16032UN1	7TCA301050R0171	64
FER18532UN	7TCA301050R0196	65
FER18540UN	7TCA301050R0197	65
FER2008P-F	7TCA301140R0306	52
FER2008P-G	7TCA301140R0206	52
FER2012P-F	7TCA301140R0307	52
FER24040UN	7TCA301050R0198	65
FER25012UN	7TCA301050R0172	64
FER25015UN	7TCA301050R0173	64
FER25016P-D	7TCA301140R0268	53
FER25016P-F	7TCA301140R0323	53
FER25016P-G	7TCA301140R0223	54
FER25018P-D	7TCA301140R0267	53
FER25018P-F	7TCA301140R0324	53
FER25018P-G	7TCA301140R0214	54
FER25018UN	7TCA301050R0174	64
FER25022P-D	7TCA301140R0274	53
FER25022P-F	7TCA301140R0325	54
FER25022P-G	7TCA301140R0225	54
FER25025UN	7TCA301050R0175	64
FER25032UN1	7TCA301050R0176	64
FER2506P-D	7TCA301140R0252	52
FER2506P-F	7TCA301140R0308	52
FER2506P-F	7TCA301140R0308	52
FER2506P-G	7TCA301140R0205	52
FER2506P-G	7TCA301140R0205	52
FER2507UN	7TCA301050R0143	64
FER2508P-D	7TCA301140R0253	52
FER2508P-F	7TCA301140R0309	52
FER2508P-F	7TCA301140R0309	52
FER2508P-G	7TCA301140R0204	52

Appendix

Part number index

Part. No.	GID No.	Page
FER2508P-G	7TCA301140R0204	52
FER2508P-SCD	7TCA301140R0459	58
FER2508P-WD	7TCA301140R0454	57
FER2508P-WF	7TCA301140R0453	57
FER2508P-WG	7TCA301140R0452	57
FER2508UN	7TCA301050R0144	64
FER2510P-D	7TCA301140R0373	52
FER2510P-F	7TCA301140R0395	52
FER2510P-F	7TCA301140R0395	52
FER2510P-G	7TCA301140R0345	52
FER2510P-G	7TCA301140R0345	52
FER2510UN	7TCA301050R0145	64
FER2512P-D	7TCA301140R0255	52
FER2512P-F	7TCA301140R0310	52
FER2512P-F	7TCA301140R0310	52
FER2512P-G	7TCA301140R0209	52
FER2512P-G	7TCA301140R0209	52
FER2512P-SCD	7TCA301140R0464	58
FER2512UN	7TCA301050R0146	64
FER2515UN	7TCA301050R0147	64
FER2518P-D	7TCA301140R0375	52
FER2518P-F	7TCA301140R0402	52
FER2518P-F	7TCA301140R0402	52
FER2518P-G	7TCA301140R0211	53
FER2518UN	7TCA301050R0148	64
FER2520UN	7TCA301050R0149	64
FER35012UN	7TCA301050R0177	64
FER35016P-D	7TCA301140R0273	54
FER35016P-F	7TCA301140R0326	54
FER35016P-G	7TCA301140R0224	54
FER35016P-SD	7TCA301140R0426	56
FER35016P-SF	7TCA301140R0447	56
FER35016P-SG	7TCA301140R0420	56
FER35018P-D	7TCA301140R0275	54
FER35018P-F	7TCA301140R0466	54
FER35018P-G	7TCA301140R0229	54
FER35018P-SD	7TCA301140R0435	56
FER35018P-SF	7TCA301140R0448	56
FER35018P-SG	7TCA301140R0421	56
FER35018UN	7TCA301050R0178	64
FER35020UN	7TCA301050R0179	64
FER35022UN	7TCA301050R0180	65
FER35025P-D	7TCA301140R0270	54
FER35025P-F	7TCA301140R0327	54
FER35025P-G	7TCA301140R0230	54
FER35025UN	7TCA301050R0181	65
FER35030UN	7TCA301050R0182	65
FER35032UN	7TCA301050R0183	65
FER4008P-D	7TCA301140R0262	53
FER4008P-F	7TCA301140R0317	53
FER4008P-G	7TCA301140R0213	53

Part. No.	GID No.	Page
FER4009UN	7TCA301050R0150	64
FER4010P-D	7TCA301140R0257	53
FER4010P-F	7TCA301140R0312	53
FER4010P-G	7TCA301140R0212	53
FER4010P-SCD	7TCA301140R0460	58
FER4010UN	7TCA301050R0151	64
FER4012P-D	7TCA301140R0258	53
FER4012P-F	7TCA301140R0313	53
FER4012P-G	7TCA301140R0215	53
FER4012P-WG	7TCA301140R0455	57
FER4012UN	7TCA301050R0152	64
FER4015UN	7TCA301050R0153	64
FER4018P-D	7TCA301140R0465	53
FER4018P-F	7TCA301140R0314	53
FER4018P-G	7TCA301140R0349	53
FER4018UN	7TCA301050R0154	64
FER4020UN	7TCA301050R0155	64
FER50018UN	7TCA301050R0184	65
FER50020P-D	7TCA301140R0272	54
FER50020P-F	7TCA301140R0328	54
FER50020P-G	7TCA301140R0231	54
FER50022UN	7TCA301050R0185	65
FER50025P-D	7TCA301140R0271	54
FER50025P-F	7TCA301140R0329	54
FER50025P-G	7TCA301140R0233	54
FER50025UN	7TCA301050R0186	65
FER50030P-D	7TCA301140R0269	54
FER50030P-F	7TCA301140R0330	54
FER50030P-G	7TCA301140R0232	54
FER50032UN	7TCA301050R0187	65
FER6010UN	7TCA301050R0156	64
FER6012P-D	7TCA301140R0259	53
FER6012P-F	7TCA301140R0315	53
FER6012P-G	7TCA301140R0350	53
FER6012P-SCD	7TCA301140R0461	58
FER6012UN	7TCA301050R0157	64
FER6015UN	7TCA301050R0158	64
FER6018P-D	7TCA301140R0378	53
FER6018P-F	7TCA301140R0397	53
FER6018P-G	7TCA301140R0352	53
FER6018UN	7TCA301050R0159	64
FER6020UN	7TCA301050R0160	64
FER70021P-G	7TCA301140R0226	54
FER70025UN	7TCA301050R0188	65
FER70032UN	7TCA301050R0189	65
FER7506P-D	7TCA301140R0239	51
FER7506P-F	7TCA301140R0292	51
FER7506P-G	7TCA301140R0186	51
FER7506UN	7TCA301050R0124	63
FER7508P-D	7TCA301140R0240	51
FER7508P-F	7TCA301140R0386	51

Part. No.	GID No.	Page
FER7508P-G	7TCA301140R0185	51
FER7508P-SD	7TCA301140R0425	55
FER7508P-SF	7TCA301140R0442	55
FER7508P-SG	7TCA301140R0410	55
FER7508UN	7TCA301050R0125	63
FER7509P-D	7TCA301140R0241	51
FER7509P-F	7TCA301140R0296	51
FER7509P-G	7TCA301140R0194	51
FER7510P-D	7TCA301140R0361	51
FER7510P-F	7TCA301140R0393	51
FER7510P-G	7TCA301140R0334	51
FER7510P-SD	7TCA301140R0433	55
FER7510P-SF	7TCA301140R0443	55
FER7510P-SG	7TCA301140R0411	55
FER7510UN	7TCA301050R0126	63
FER7512P-D	7TCA301140R0362	51
FER7512P-F	7TCA301140R0295	51
FER7512P-G	7TCA301140R0203	51
FER7512P-SD	7TCA301140R0434	55
FER7512P-SF	7TCA301140R0444	55
FER7512P-SG	7TCA301140R0412	55
FER7512UN	7TCA301050R0127	63
FER7515UN	7TCA301050R0128	63
FER9500	7TCA131040R0023	66
FER9501	7TCA131040R0024	66
FER95025P-G	PART00001079343	54
FER95025UN	7TCA301050R0190	65
FER95030UN	7TCA301050R0191	65
FER95032UN	7TCA301050R0192	65
FIBD1.5-4NDC	7TCA301110R0096	37
FIBD2.5-4NDC	7TCA301110R0097	37
FIFD1.5-285VDC	7TCA301310R0079	31
FIFD1.5-288VDC	7TCA301310R0080	31
FIFD1.5-485VDC	7TCA301310R0057	31
FIFD1.5-488VDC	7TCA301310R0058	31
FIFD1.5-638VDC	7TCA301310R0059	31
FIFD2.5-285VDC	7TCA301310R0081	31
FIFD2.5-288VDC	7TCA301310R0082	31
FIFD2.5-485VDC	7TCA301310R0060	31
FIFD2.5-488VDC	7TCA301310R0061	31
FIFD2.5-638VDC	7TCA301310R0062	31
FIFD6-638VDC	7TCA301310R0063	31
FIRD1.5-39NDC	7TCA301110R0082	41
FIRD1.5-39VDC	7TCA301310R0064	39
FIRD2.5-39NDC	7TCA301110R0083	41
FIRD2.5-39VDC	7TCA301310R0065	39
FIRD2.5-49VDC	7TCA301310R0066	39
FIRD6-49VDC	7TCA301310R0067	39
FPW12	7TAI029030R0030	126
FPW14	7TAI029030R0031	126
FPW38	7TAI029030R0032	126

Appendix

Part number index

Part. No.	GID No.	Page
FPW516	7TAI029030R0034	126
FPW58	7TAI029030R0035	126
GS1010	7TAA131310R0039	149
GS1130	7TAA131310R0040	149
GS1250	7TAA131310R0041	149
GS1332	7TAA131310R0042	149
GS1440	7TAA131310R0043	149
GS1563	7TAA131990R0254	149
GS1670	7TAI029100R0036	149
GS590	7TAA131310R0044	149
GS710	7TAA131310R0045	149
GS840	7TAA131310R0046	149
GSB 046	7TAI029070R0001	142
GSB 058	7TAI029070R0002	142
GSB 063	7TAI029070R0003	142
GSB 071	7TAI029070R0004	142
GSB 080	7TAI029070R0005	142
GSB 090	7TAI029070R0006	142
GSB 096	7TAI029070R0007	142
GSB 101	7TAI029060R0000	142
GSB 1040	7TAI029070R0008	148
GSB 109	7TAI029060R0001	142
GSB 1122	7TAI029070R0009	148
GSB 115	7TAI029070R0010	142
GSB 1224	7TAI029070R0011	148
GSB 124	7TAI029060R0002	142
GSB 128	7TAI029060R0003	142
GSB 134	7TAI029070R0013	142
GSB 1353	7TAI029980R0202	148
GSB 1425	7TAI029980R0203	148
GSB 149	7TAI029060R0004	142
GSB 156	7TAI029070R0014	142
GSB 165	7TAI029070R0016	142
GSB 175	7TAI029070R0018	142
GSB 187	7TAI029070R0019	142
GSB 194	7TAI029070R0020	142
GSB 205	7TAI029070R0021	142
GSB 219	7TAI029070R0022	142
GSB 225	7TAI029070R0024	142
GSB 232	7TAI029070R0025	142
GSB 250	7TAI029070R0026	142
GSB 261	7TAI029070R0027	142
GSB 266	7TAI029980R0216	142
GSB 275	7TAI029070R0028	142
GSB 281	7TAI029070R0029	142
GSB 287	7TAI029070R0030	142
GSB 297	7TAI029070R0031	142
GSB 312	7TAI029070R0032	142
GSB 348	7TAI029070R0033	142
GSB 375	7TAI029070R0034	142
GSB 430	7TAI029060R0005	148

Part. No.	GID No.	Page
GSB 550	7TAI029070R0035	148
GSB 670	7TAI029070R0036	148
GSB 810	7TAI029070R0037	148
GSB 920	7TAI029070R0038	148
GSC 101	7TAI029060R0006	142
GSC 1010	7TAI029070R0041	148
GSC 1130	7TAI029070R0042	148
GSC 1250	7TAI029070R0043	148
GSC 128	7TAI029060R0007	142
GSC 1332	7TAI029070R0045	148
GSC 1440	7TAI029070R0046	148
GSC 149	7TAI029060R0008	142
GSC 156	7TAI029060R0009	142
GSC 1563	7TAI029070R0047	148
GSC 1670	7TAI029100R0036	148
GSC 175	7TAI029060R0010	142
GSC 187	7TAI029060R0011	142
GSC 194	7TAI029070R0048	142
GSC 199	7TAI029060R0012	142
GSC 205	7TAI029060R0013	142
GSC 219	7TAI029060R0014	142
GSC 225	7TAI029070R0049	142
GSC 232	7TAI029060R0015	142
GSC 261	7TAI029060R0016	142
GSC 275	7TAI029070R0050	142
GSC 281	7TAI029070R0051	142
GSC 287	7TAI029070R0052	142
GSC 297	7TAI029060R0017	142
GSC 312	7TAI029070R0053	142
GSC 327	7TAI029070R0054	142
GSC 348	7TAI029070R0055	142
GSC 359	7TAI029070R0056	142
GSC 375	7TAI029060R0018	142
GSC 405	7TAI029070R0057	142
GSC 415	7TAI029070R0058	142
GSC 425	7TAI029070R0059	142
GSC 460	7TAI029060R0019	142
GSC 500	7TAI029070R0060	142
GSC 590	7TAI029060R0020	148
GSC 710	7TAI029060R0021	148
GSC 840	7TAI029060R0022	148
H-C6 240	7TCA131530R0014	96
H-CK 400	7TCA131530R0000	96
H-CUT 22	7TCA131530R0005	98
HydT-3	7TCA131530R0013	100
IBAT-LI30	7TCA131530R0023	100
IBATC100-240	7TCA131530R0024	100
LB1.5-3VDC	7TCA301300R0274	23
LB1.5-3VSC	7TCA301300R0208	22
LB1.5-46VDC	7TCA301300R0275	23
LB1.5-46VSC	7TCA301300R0209	22

Part. No.	GID No.	Page
LB2.5-3VDC	7TCA301300R0276	23
LB2.5-3VSC	7TCA301300R0210	22
LB2.5-46VDC	7TCA301300R0277	23
LB2.5-46VSC	7TCA301300R0211	22
LB6-3VDC	7TCA301300R0278	23
LB6-3VSC	7TCA301300R0212	22
LB6-46VDC	7TCA301300R0279	23
LB6-46VSC	7TCA301300R0213	22
M-Pump 1300	7TCA131530R0008	99
MD1.5-285	7TCA301010R0157	49
MD1.5-285NDC	7TCA301110R0066	34
MD1.5-285VDC	7TCA301310R0068	32
MD1.5-288	7TCA301010R0158	49
MD1.5-288NDC	7TCA301110R0067	34
MD1.5-288VDC	7TCA301310R0069	32
MD1.5-485	7TCA301110R0068	49
MD1.5-485NDC	7TCA301110R0068	34
MD1.5-485VDC	7TCA301310R0070	32
MD1.5-488	7TCA301010R0160	49
MD1.5-488NDC	7TCA301110R0069	34
MD1.5-488VDC	7TCA301310R0071	32
MD1.5-638	7TCA301010R0161	49
MD1.5-638NDC	7TCA301110R0070	34
MD1.5-638VDC	7TCA301310R0072	32
MD2.5-285	7TCA301010R0162	49
MD2.5-285NDC	7TCA301110R0107	34
MD2.5-285VDC	7TCA301310R0083	32
MD2.5-288	7TCA301010R0163	49
MD2.5-288NDC	7TCA301110R0108	34
MD2.5-288VDC	7TCA301310R0084	32
MD2.5-485	7TCA301010R0164	49
MD2.5-485NDC	7TCA301110R0071	34
MD2.5-485VDC	7TCA301310R0073	32
MD2.5-488	7TCA301010R0165	49
MD2.5-488NDC	7TCA301110R0072	34
MD2.5-488VDC	7TCA301310R0074	32
MD2.5-638	7TCA301010R0166	49
MD2.5-638NDC	7TCA301110R0073	34
MD2.5-638VDC	7TCA301310R0075	32
MD6-638	7TCA301010R0167	49
MD6-638NDC	7TCA301110R0074	34
MD6-638VDC	7TCA301310R0076	32
P1.5-14	7TCA301010R0128	46
P1.5-15	7TCA301010R0129	46
P1.5-17	7TCA301010R0130	46
P1.5-18	7TCA301010R0131	46
P1.5-19VDC	7TCA301300R0259	26
P1.5-19VSC	7TCA301300R0193	25
P1.5-20NDC	7TCA301100R0108	27
P1.5-20VDC	7TCA301300R0260	26
P1.5-20VSC	7TCA301300R0194	25

Part. No.	GID No.	Page
P1.5-21NDC	7TCA301100R0109	27
P1.5-22VDC	7TCA301300R0261	26
P1.5-22VSC	7TCA301300R0195	25
P1.5-23NDC	7TCA301100R0110	27
P1.5-23VDC	7TCA301300R0262	26
P1.5-23VSC	7TCA301300R0196	25
P1.5-24NDC	7TCA301100R0111	27
P2.5-14	7TCA301010R0134	46
P2.5-15	7TCA301010R0135	46
P2.5-17	7TCA301010R0136	46
P2.5-18	7TCA301010R0137	46
P2.5-19	7TCA301010R0187	46
P2.5-19VDC	7TCA301300R0265	26
P2.5-20	7TCA301010R0188	46
P2.5-20VDC	7TCA301300R0266	26
P2.5-20VSC	7TCA301300R0200	25
P2.5-21	7TCA301010R0138	46
P2.5-21NDC	7TCA301100R0115	27
P2.5-22VDC	7TCA301300R0267	26
P2.5-22VSC	7TCA301300R0201	25
P2.5-23NDC	7TCA301100R0116	27
P2.5-23VDC	7TCA301300R0268	26
P2.5-23VSC	7TCA301300R0202	25
P2.5-24NDC	7TCA301100R0117	27
P2.5-24VDC	7TCA301300R0314	26
P2.5-24VSC	7TCA301300R0310	25
P2.5-25NDC	7TCA301100R0159	27
P2.5-25VDC	7TCA301300R0315	26
P2.5-25VSC	7TCA301300R0311	25
P2.5-26NDC	7TCA301100R0160	27
P2.5-26VDC	7TCA301300R0269	26
P2.5-26VSC	7TCA301300R0203	25
P2.5-27NDC	7TCA301100R0118	27
P6-17	7TCA301010R0139	46
P6-18	7TCA301010R0190	46
P6-19	7TCA301010R0189	46
P6-23NDC	7TCA301100R0161	27
P6-23VDC	7TCA301300R0316	26
P6-23VSC	7TCA301300R0312	25
P6-25NDC	7TCA301100R0162	27
P6-25VDC	7TCA301300R0317	26
P6-25VSC	7TCA301300R0313	25
P6-26NDC	7TCA301100R0163	27
P6-26VDC	7TCA301300R0318	26
P6-27VSC	7TCA301300R0204	25
PAIR22-6	7TAA131180R0002	127
PBD1.5-638NDC	7TCA301110R0075	35
PBD1.5-638VDC	7TCA301310R0050	30
PBD2.5-638NDC	7TCA301110R0076	35
PBD2.5-638VDC	7TCA301310R0051	30
PBD6-638NDC	7TCA301110R0077	35

Part. No.	GID No.	Page
PBD6-638VDC	7TCA301310R0052	30
Power-230	7TCA131530R0012	100
R1.5-10	7TCA301010R0067	42
R1.5-10DIN	7TCA301010R0090	43
R1.5-10NDC	7TCA301100R0126	12
R1.5-10NDC-DIN	7TCA301120R0044	13
R1.5-10VDC	7TCA301300R0220	10
R1.5-10VDC-DIN	7TCA301320R0081	11
R1.5-10VSC	7TCA301300R0157	8
R1.5-10VSC-DIN	7TCA301320R0044	9
R1.5-12DIN	7TCA301010R0170	43
R1.5-12NDC-DIN	7TCA301120R0074	13
R1.5-12VSC-DIN	7TCA301320R0112	9
R1.5-25DIN	7TCA301010R0083	43
R1.5-25NDC-DIN	7TCA301120R0037	13
R1.5-25VDC-DIN	7TCA301320R0074	11
R1.5-25VSC-DIN	7TCA301320R0037	9
R1.5-2NDC-DIN	7TCA301120R0073	13
R1.5-2VDC-DIN	7TCA301320R0113	11
R1.5-2VSC-DIN	7TCA301320R0111	9
R1.5-3	7TCA301010R0061	42
R1.5-35	7TCA301010R0062	42
R1.5-35DIN	7TCA301010R0085	43
R1.5-35NDC	7TCA301100R0121	12
R1.5-35NDC-DIN	7TCA301120R0039	13
R1.5-35VDC	7TCA301300R0215	10
R1.5-35VDC-DIN	7TCA301320R0076	11
R1.5-35VSC	7TCA301300R0152	8
R1.5-35VSC-DIN	7TCA301320R0039	9
R1.5-3DIN	7TCA301010R0084	43
R1.5-3NDC	7TCA301100R0140	12
R1.5-3NDC-DIN	7TCA301120R0038	13
R1.5-3VDC	7TCA301300R0214	10
R1.5-3VDC-DIN	7TCA301320R0075	11
R1.5-3VSC	7TCA301300R0151	8
R1.5-3VSC-DIN	7TCA301320R0038	9
R1.5-4	7TCA301010R0063	42
R1.5-4DIN	7TCA301010R0086	43
R1.5-4NDC	7TCA301100R0141	12
R1.5-4NDC-DIN	7TCA301120R0040	13
R1.5-4VDC	7TCA301300R0216	10
R1.5-4VDC-DIN	7TCA301320R0077	11
R1.5-4VSC	7TCA301300R0153	8
R1.5-4VSC-DIN	7TCA301320R0040	9
R1.5-5	7TCA301010R0064	42
R1.5-5DIN	7TCA301010R0087	43
R1.5-5NDC	7TCA301100R0142	12
R1.5-5NDC-DIN	7TCA301120R0041	13
R1.5-5VDC	7TCA301300R0217	10
R1.5-5VDC-DIN	7TCA301320R0078	11
R1.5-5VSC	7TCA301300R0154	8

Part. No.	GID No.	Page
R1.5-5VSC-DIN	7TCA301320R0041	9
R1.5-6	7TCA301010R0065	42
R1.5-6DIN	7TCA301010R0088	43
R1.5-6NDC	7TCA301100R0143	12
R1.5-6NDC-DIN	7TCA301120R0042	13
R1.5-6VDC	7TCA301300R0218	10
R1.5-6VDC-DIN	7TCA301320R0079	11
R1.5-6VSC	7TCA301300R0155	8
R1.5-6VSC-DIN	7TCA301320R0042	9
R1.5-8	7TCA301010R0066	42
R1.5-8DIN	7TCA301010R0089	43
R1.5-8NDC	7TCA301100R0144	12
R1.5-8NDC-DIN	7TCA301120R0043	13
R1.5-8VDC	7TCA301300R0219	10
R1.5-8VDC-DIN	7TCA301320R0080	11
R1.5-8VSC	7TCA301300R0156	8
R1.5-8VSC-DIN	7TCA301320R0043	9
R2.5-10	7TCA301010R0075	42
R2.5-10DIN	7TCA301010R0097	43
R2.5-10NDC	7TCA301100R0133	12
R2.5-10NDC-DIN	7TCA301120R0051	13
R2.5-10VDC	7TCA301300R0228	10
R2.5-10VDC-DIN	7TCA301320R0088	11
R2.5-10VSC	7TCA301300R0164	8
R2.5-10VSC-DIN	7TCA301320R0051	9
R2.5-12DIN	7TCA301010R0171	43
R2.5-12NDC-DIN	7TCA301120R0052	13
R2.5-12VDC-DIN	7TCA301320R0089	11
R2.5-12VSC-DIN	7TCA301320R0052	9
R2.5-3	7TCA301010R0069	42
R2.5-35	7TCA301010R0070	42
R2.5-35DIN	7TCA301010R0092	43
R2.5-35NDC	7TCA301100R0155	12
R2.5-35NDC-DIN	7TCA301120R0046	13
R2.5-35VDC	7TCA301300R0223	10
R2.5-35VDC-DIN	7TCA301320R0083	11
R2.5-35VSC	7TCA301300R0159	8
R2.5-35VSC-DIN	7TCA301320R0046	9
R2.5-3DIN	7TCA301010R0091	43
R2.5-3NDC	7TCA301100R0145	12
R2.5-3NDC-DIN	7TCA301120R0045	13
R2.5-3VDC	7TCA301300R0222	10
R2.5-3VDC-DIN	7TCA301320R0082	11
R2.5-3VSC	7TCA301300R0158	8
R2.5-3VSC-DIN	7TCA301320R0045	9
R2.5-4	7TCA301010R0071	42
R2.5-4DIN	7TCA301010R0093	43
R2.5-4NDC	7TCA301100R0146	12
R2.5-4NDC-DIN	7TCA301120R0047	13
R2.5-4VDC	7TCA301300R0224	10
R2.5-4VDC-DIN	7TCA301320R0084	11

Appendix

Part number index

Part. No.	GID No.	Page
R2.5-4VSC	7TCA301300R0160	8
R2.5-4VSC-DIN	7TCA301320R0047	9
R2.5-5	7TCA301010R0072	42
R2.5-5DIN	7TCA301010R0094	43
R2.5-5NDC	7TCA301100R0147	12
R2.5-5NDC-DIN	7TCA301120R0048	13
R2.5-5VDC	7TCA301300R0225	10
R2.5-5VDC-DIN	7TCA301320R0085	11
R2.5-5VSC	7TCA301300R0161	8
R2.5-5VSC-DIN	7TCA301320R0048	9
R2.5-6	7TCA301010R0073	42
R2.5-6DIN	7TCA301010R0095	43
R2.5-6NDC	7TCA301100R0148	12
R2.5-6NDC-DIN	7TCA301120R0049	13
R2.5-6VDC	7TCA301300R0226	10
R2.5-6VDC-DIN	7TCA301320R0086	11
R2.5-6VSC	7TCA301300R0162	8
R2.5-6VSC-DIN	7TCA301320R0049	9
R2.5-8	7TCA301010R0074	42
R2.5-8DIN	7TCA301010R0096	43
R2.5-8NDC	7TCA301100R0149	12
R2.5-8NDC-DIN	7TCA301120R0050	13
R2.5-8VDC	7TCA301300R0227	10
R2.5-8VDC-DIN	7TCA301320R0087	11
R2.5-8VSC	7TCA301300R0163	8
R2.5-8VSC-DIN	7TCA301320R0050	9
R6-10	7TCA301010R0081	42
R6-10DIN	7TCA301010R0102	43
R6-10NDC	7TCA301100R0138	12
R6-10NDC-DIN	7TCA301120R0057	13
R6-10VDC	7TCA301300R0234	10
R6-10VDC-DIN	7TCA301320R0094	11
R6-10VSC	7TCA301300R0169	8
R6-10VSC-DIN	7TCA301320R0057	9
R6-12	7TCA301010R0082	42
R6-12DIN	7TCA301010R0103	43
R6-12NDC	7TCA301100R0154	12
R6-12NDC-DIN	7TCA301120R0058	13
R6-12VDC	7TCA301300R0235	10
R6-12VDC-DIN	7TCA301320R0095	11
R6-12VSC	7TCA301300R0170	8
R6-12VSC-DIN	7TCA301320R0058	9
R6-35	7TCA301010R0169	42
R6-35NDC	7TCA301100R0156	12
R6-35VSC	7TCA301300R0280	8
R6-4	7TCA301010R0077	42
R6-4DIN	7TCA301010R0098	43
R6-4NDC	7TCA301100R0150	12
R6-4NDC-DIN	7TCA301120R0053	13
R6-4VDC	7TCA301300R0230	10
R6-4VDC-DIN	7TCA301320R0090	11

Part. No.	GID No.	Page
R6-4VSC	7TCA301300R0165	8
R6-4VSC-DIN	7TCA301320R0053	9
R6-5	7TCA301010R0078	42
R6-5DIN	7TCA301010R0099	43
R6-5NDC	7TCA301100R0151	12
R6-5NDC-DIN	7TCA301120R0054	13
R6-5VDC	7TCA301300R0231	10
R6-5VDC-DIN	7TCA301320R0091	11
R6-5VSC	7TCA301300R0166	8
R6-5VSC-DIN	7TCA301320R0054	9
R6-6	7TCA301010R0079	42
R6-6DIN	7TCA301010R0100	43
R6-6NDC	7TCA301100R0152	12
R6-6NDC-DIN	7TCA301120R0055	13
R6-6VDC	7TCA301300R0232	10
R6-6VDC-DIN	7TCA301320R0092	11
R6-6VSC	7TCA301300R0167	8
R6-6VSC-DIN	7TCA301320R0055	9
R6-8	7TCA301010R0080	42
R6-8DIN	7TCA301010R0101	43
R6-8NDC	7TCA301100R0153	12
R6-8NDC-DIN	7TCA301120R0056	13
R6-8VDC	7TCA301300R0233	10
R6-8VDC-DIN	7TCA301320R0093	11
R6-8VSC	7TCA301300R0168	8
R6-8VSC-DIN	7TCA301320R0056	9
RD1.5-39NDC	7TCA301110R0078	40
RD1.5-39VDC	7TCA301310R0053	38
RD2.5-39NDC	7TCA301110R0079	40
RD2.5-39VDC	7TCA301310R0054	38
RD2.5-49NDC	7TCA301110R0080	40
RD2.5-49VDC	7TCA301310R0055	38
RD6-49NDC	7TCA301110R0081	40
RD6-49VDC	7TCA301310R0056	38
RSK-FLAG-B3	7TCI029060R0023	138
RSK-FLAG-B4	7TCI029060R0024	138
RSK-FLAG-B5	7TCI029060R0025	138
RSK-LEHRE	7TCA131130R0001	138
RSK101	7TCI029060R0026	137
RSK201	7TCI029060R0027	137
RSK301	7TCI029060R0029	137
RSK401	7TCI029060R0031	137
RSK5101	7TCI029100R0073	137
RSK5201	7TCI029100R0075	137
RSK5301	7TCI029100R0079	137
RSK5401	7TCI029100R0082	137
T-C6 240	7TCA131530R0003	96
T-CK 400	7TCA131530R0004	96
T-CUT 20	7TCA131530R0007	98
TBM15i	7TAA131620R0003	128
TBM6SM	7TCA131400R0009	101

Part. No.	GID No.	Page
TBM8-750	7TAA131630R0002	102
TBM8-750M-1	7TAA131580R0001	102
WT440	7TAA131270R0002	144
WT540	7TAA131270R0003	144

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