



Power Products Main Line Catalogue

Australian and New Zealand Catalogue 2009/2010

- Terminals
- Markers
- Industrial Multipole Connectors
- Relays & Optocouplers
- Surge Protection
- Enclosures
- Cable Glands
- Tools
- Accessories

About this Power Main Line Products Catalogue ...

Weidmüller is a leading manufacturer of Power Electrical and Electronic products that are designed, tested and certified to the most stringent Australian and International standards.

The extensive 'Power Products' portfolio encompasses, devices, modules and accessories essential to the requirements of Electrical Engineers, Electricians and Technicians. Weidmüller 'Power Products' are used worldwide in switchboards, machines and vehicles where ever electrical power is terminated, switched, conditioned or transformed.

Weidmüller's innovative products include, Rail Mounted Terminals, Power supplies, Lightning and Surge Protection Devices, Electromechanical and Solid State Relays, Electrical Enclosures and Junction Boxes, associated accessories and Marking Systems.

With over sixty years of experience and our strict attention to quality, reliability and efficient functionality Weidmüller is the sensible choice for all your power electrical and electronic needs.



Above: Weidmüller Head Office, Sydney Australia. Over 4000 sqm & includes Office, Warehouse, Manufacturing and Custom Assembly Workshop.

Below: For quick delivery and customer service Weidmüller holds a very large range of all its products right here in Australia. Includes 5 state of the art Carosel systems with over 13000 product locations/ items.



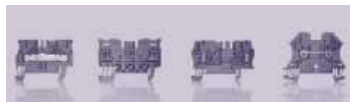
Other Available Full Catalogues ...

If you require more detailed technical information or to see our full product range you can order any of the catalogues below from your local Weidmüller Distributor or by contacting our Weidmüller Head Office (See back cover for details)

Weidmüller CDRom Catalogue Set 1 to 9



Cat 1: Terminal Blocks



Catalogue 2: PCB Terminals & Connectors



Catalogue 3: Rockstar® - Heavy Duty Connectors.



Catalogue 4: Electronics



Catalogue 5: Enclosures & Cable Glands



Catalogue 6: Tools



Catalogue 7: Marking Systems



Catalogue 8: Sensor Actuator Interface



Catalogue 9: Industrial Ethernet



SAK Terminals



Analogue Signal Conditioning



Power MainLine Contents



Terminal Blocks

A

W-Series Screw Clamp, Z-Series Tension Clamp, P-Series Push-In, SAK Series Screw Clamp and Accessories



Industrial Multipole Connectors

B

RockStar® Industrial Multipole Connectors Core Assortment, Cabtite Cable Entry System



Electronics Modules

C

Relays, Optocouplers, Signal Isolators/Converters, Power Supplies, Surge Protection and Interface Units



Enclosures and Cable Glands

D

Stainless/Sheet Steel Enclosures, Aluminium Enclosures, Polyester Enclosures, Pratley Enclosures and Cable Glands



Tools

E

Cutting Tools, Stripping Tools, Crimping Tools, Screwdrivers, Testing and Measurement Tools, Accessories and Ferrules



Marking Systems

F

Terminal Markers, Wire and Cable Markers, Equipment Markers, Printing Systems and Software



FieldPower®

G

Decentralised Power Distribution with PowerBox, Product Details, Product Family, Power Distribution, Connectors and Accessories

INTELLIGENT SOLUTIONS FOR SLIMLINE SOLENOID DRIVERS

MICROOPTO WITH AN IMPRESSIVE 10A SWITCHING CAPACITY



MORE INFORMATION
SEE SECTION C, PAGE 8

Weidmüller's new MicroOpto Solenoid Driver is a fully protected solid state output device for switching extra low voltage DC inductive loads such as valves, actuators and solenoids. With an impressive 10A switching capacity in a package only 6mm wide, MicroOpto replaces much larger devices.

- LED Error indication and remote alarm for ease of commissioning and fault analysis.
- Fully cross connectable on input and output with time saving plug in cross connects ensures error free interconnection every time.

www.weidmuller.com.au

Weidmüller 

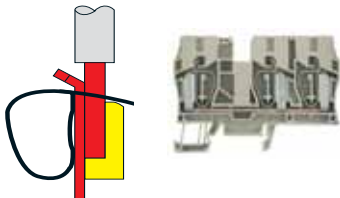
Terminal Blocks

W-Series Screw Connection



▪ Feed-Through Terminals	A.2
▪ Terminals with spring loaded cable clamps	A.3
▪ Earth Terminals	A.4
▪ Feed Through and Earth Terminals	A.5 - A.6
▪ Disconnect Terminals	A.7
▪ Fuse Terminals	A.8
▪ Terminals with diode	A.8 - A.9
▪ 1-stud Terminals	A.10
▪ 2-stud Terminals	A.10
▪ Thermocouple Terminals	A.11
▪ Initiator and Actuator Terminals	A.11
▪ Accessories: End plates (partitions), Cross Connections (Type ZQV & WQV), Testing, End brackets, Cross Connections for (Disconnect & Fuse Terminals, Initiator & Actuator Terminals and 2-Stud Terminals)	A.12 - A.16

Z-Series Tension Clamp Connection



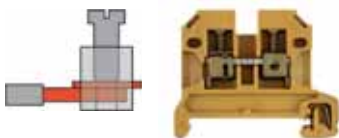
▪ Feed-through Terminals	A.17 - A.18
▪ Feed through and earth Terminals	A.18
▪ Multi-tier Terminals	A.19
▪ Disconnect Terminals	A.19
▪ Earth Terminals	A.20
▪ Fuse Terminals	A.21
▪ Feed-through Terminals, Roof-Style	A.22
▪ Disconnect Terminals, Roof-Style	A.22
▪ Earth Terminals, Roof-Style	A.23
▪ Fuse Terminals, Roof-Style	A.23
▪ Two-Tier Terminals	A.24
▪ Terminals with electronic components, Roof-Style	A.24
▪ Accessories: End plates (Cross Connections - Type ZQV)	A.25 - A.28

P-Series Push In



▪ Feed-through Terminals	A.29
▪ Earth Terminals	A.29
▪ Two-Tier Terminals	A.30
▪ Disconnect Terminals	A.30
▪ Distribution Terminals	A.30 - A.32
▪ Accessories - End plates, Cross Connections and End Brackets	A.33 - A.34

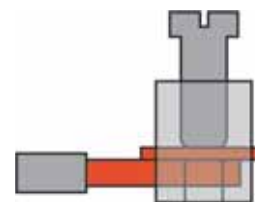
SAK-Series Screw Connection













▪ Feed-through Terminals with Two Tier - TS 35	A.36
▪ Earth Terminals - TS 35	A.36
▪ Disconnect Terminals	A.37
▪ Fuse Terminals with universal foot	A.37
▪ Fuse Terminals with Two-Tier - TS 35	A.38
▪ Fuse Terminals with One-Tier - TS 35	A.38
▪ Fuse Terminals - TS 35	A.39
▪ Initiator and Actuator Terminals	A.40
▪ Terminal Strips	A.40
▪ End plates and partitions for SAK Terminals	A.41
▪ Fuse inserts	A.42
▪ Accessories - Cross Connection Dekafix, Terminal Markers, End Brackets, DIN Rail, Wad Cover for W-Series, QB Cross Connection Combs, ADP Transparent Cover	A.43 - A.47







Feed-Through Terminals

- From 0.13 to 240mm²
- Fits to all TS 35 x 7.5 or 15mm
- Flammability class V0 to UL 94
- Temperature resistant from -50 °C to +120 °C
- Contains no halogen or phosphorous
- Cross-connections, also pluggable



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **	
	WDU 2.5N - Beige	1023700000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5.1	1060000000
	- Blue	1023780000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5.1	1060080000
	WDU 2.5 - Beige	1020000000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1050000000
	- Blue	1020080000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1050080000
	WDU 4 - Beige	1020100000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.1	1050000000
	- Blue	1020180000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.1	1050080000
	WDU 6 - Beige	1020200000	100	0.5 ... 10	0.5 ... 6.0	800 V	41 A	7.9	1050000000
	- Blue	1020280000	100	0.5 ... 10	0.5 ... 6.0	800 V	41 A	7.9	1050080000
	WDU 10 - Beige	1020300000	50	1.5 ... 16	1.5 ... 16	1000 V	57 A	9.9	1050000000
	- Blue	1020380000	50	1.5 ... 16	1.5 ... 16	1000 V	57 A	9.9	1050080000
	WDU 16 - Beige	1020400000	50	1.5 ... 25	1.5 ... 25	1000 V	76 A	12	1050100000
	- Blue	1020480000	50	1.5 ... 25	1.5 ... 25	1000 V	76 A	12	1050180000
	WDU 35 - Beige	1020500000	40	2.5 ... 50	2.5 ... 35	1000 V	125 A	16	1050100000
	- Blue	1020580000	40	2.5 ... 50	2.5 ... 35	1000 V	125 A	16	1050180000
	WDU 70/95 - Beige	1024600000	10	16 ... 120	16 ... 95	1000 V	232 A	27	-
	- Blue	1026800000	10	16 ... 120	16 ... 95	1000 V	232 A	27	-
	WDU 120/150 - Beige	1024500000	10	35 ... 150	35 ... 95	1000 V	309 A	32	-
	- Blue	1024580000	10	35 ... 150	35 ... 95	1000 V	309 A	32	-
	WDU 240 - Beige	1802780000	2	70 ... 240	70 ... 185	1000 V	415 A	36	-
	- Blue	1822210000	2	70 ... 240	70 ... 185	1000 V	415 A	36	-














Terminals with Spring Loaded Cable Clamps

	Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
	WDU 4SL - Beige	9537440000	50	0.5 ... 6.0	0.5 ... 4.0	500 V	32 A	6.1	1050000000
	WDU 6SL - Beige	9537460000	50	0.5 ... 10	0.5 ... 6.0	500 V	41 A	7.9	1050000000
	WDU 10SL - Beige	9537480000	50	1.5 ... 16	1.5 ... 10	500 V	57 A	9.9	1050000000
	WDU 4SL/EN - Beige	9537450000	50	0.5 ... 6.0	0.5 ... 4.0	500 V	32 A	6.1	1050080000
	WDU 6SL/EN - Beige	9537470000	50	0.5 ... 10	0.5 ... 6.0	500 V	41 A	7.9	1050080000
	WDU 10SL/EN - Beige	9537490000	50	1.5 ... 16	1.5 ... 10	500 V	57 A	9.9	1050080000

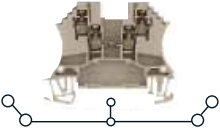


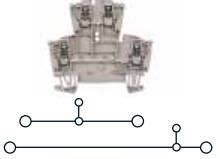
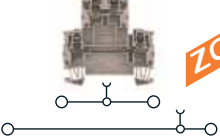
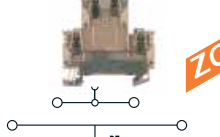
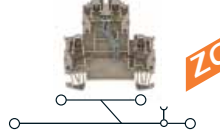
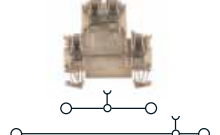
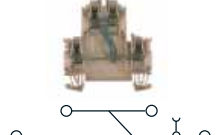
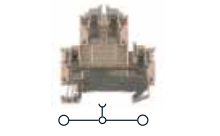
* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for W Series Terminals please refer to page 12

Earth Terminals

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
 WPE 2.5N	1016200000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	—	5.1	1060000000
 WPE 2.5	1010000000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	—	5.1	1050000000
 WPE 4	1010100000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	—	6.1	-
 WPE 4N	1042700000	100	0.5 ... 4.0	0.5 ... 4.0	500 V	—	6.1	1060000000
 WPE 6	1010200000	50	0.5 ... 10	0.5 ... 6.0	1000 V	—	7.9	-
 WPE 10	1010300000	50	1.5 ... 16	1.5 ... 16	800 V	—	9.9	-
 WPE 16	1010400000	50	1.5 ... 25	1.5 ... 16	1000 V	—	12	-
 WPE 35	1010500000	20	2.5 ... 50	2.5 ... 35	800 V	—	16	-
 WPE 50N	1846040000	10	10 ... 70	10 ... 50	1000 V	—	18.5	-
 WPE 70/95	1037300000	10	16 ... 120	16 ... 95	1000 V	—	27	-
 WPE 70N/35	9512200000	10	10 ... 95	10 ... 70	1000 V	—	20.5	-
 WPE 95N/120	1846030000	5	16 ... 120	16 ... 95	1000 V	—	27	-
 WPE 120/150	1019700000	10	35 ... 150	35 ... 95	1000 V	—	32	-

Feed Through And Earth Terminals

	Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
	WDU 1.5ZZ								
	- Beige	1031400000	100	0.5 ... 1.5	0.5 ... 1.5	800 V	17.5 A	5.1	1050000000
	- Blue	1031480000	100	0.5 ... 1.5	0.5 ... 1.5	800 V	17.5 A	5.1	1050080000
	WDU 2.5/1.5/ZR								
	- Beige	1024700000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	17.5 A	5.1	1050000000
	- Blue	1024780000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	17.5 A	5.1	1050080000
	WDK 2.5/ZQV								
	- Beige	1041100000	100	0.5 ... 4.0	0.5 ... 2.5	400 V	24 A	5.1	1059100000
	- Blue	1041180000	100	0.5 ... 4.0	0.5 ... 2.5	400 V	24 A	5.1	1059180000
	WDK 2.5								
	- Beige	1021500000	100	0.5 ... 4.0	0.5 ... 2.5	400 V	24 A	5.1	1059100000
	- Blue	1021580000	100	0.5 ... 4.0	0.5 ... 2.5	400 V	24 A	5.1	1059180000
	WDK 2.5N								
	- Beige	1041600000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1084000000
	- Blue	1041680000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1084080000
	WDK 2.5N DU PE								
	- Beige	1041650000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1084000000
	WDK 2.5N V								
	- Beige	1416100000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1084000000
	WDK 4N								
	- Beige	1041900000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	32 A	6.1	1084000000
	- Blue	1041980000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	32 A	6.1	1084080000
	WDK 4N V								
	- Beige	1041910000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	32 A	6.1	1084000000
	WDK 4N DU PE								
	- Beige	1041950000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	32 A	6.1	1084000000

ZQV = pluggable cross connectors, an innovation of Weidmuller

A Feed Through And Earth Terminals

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
 <p>WPE 1.5/ZZ - Beige - Blue</p>	1016500000	100	1.5 ... 2.5	0.5 ... 1.5	800 V	-	5.1	1050000000
								1050080000
 <p>WPE 2.5/1.51 ZR - Beige - Blue</p>	1016400000	100	1.5 ... 4.0	0.5 ... 2.5	800 V	-	5.1	1050000000
								1050080000
 <p>WDK 2.5 PE - Beige - Blue</p>	1036300000	100	0.5 ... 4.0	0.5 ... 2.5	400 V	-	5.1	1059100000
								1059180000
 <p>WDK 2.5N DU PE - Beige - Blue</p>	1041650000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1084000000
								1084080000
 <p>WDK 2.5N PE - Beige - Blue</p>	1041620000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	-	5.1	1084000000
								1084080000
 <p>WDK 4N DU PE - Beige - Blue</p>	1041950000	100	0.5 ... 4.0	0.5 ... 4.0	800 V	32 A	6.1	1084000000
								1084080000
 <p>WDK 4N PE - Beige - Blue</p>	1041920000	100	0.5 ... 4.0	0.5 ... 4.0	800 V	-	6.1	1084000000
								1084080000

Disconnect Terminals

A

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
 <p>WTR 2.5</p> <p>- Beige</p> <p>- Blue</p>	1855610000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5.1	1050000000
	8731640000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5.1	
 <p>WTR 2.5: With Test Socket Screw</p> <p>- Beige</p> <p>- Blue</p>	1855620000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5.1	1050000000
	8731660000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5.1	
 <p>WTR 4</p> <p>- Beige</p> <p>- Blue</p>	7910180000	50	0.5 ... 6.0	0.5 ... 4.0	400 V	32 A	6.1	1905000000
	7910190000	50	0.5 ... 6.0	0.5 ... 4.0	400 V	32 A	6.1	
 <p>WTR 4: With Test Socket Screw</p> <p>- Beige</p> <p>- Blue</p>	7910210000	50	0.5 ... 6.0	0.5 ... 4.0	400 V	32 A	6.1	1905000000
	7910220000	50	0.5 ... 6.0	0.5 ... 4.0	400 V	32 A	6.1	
 <p>WDTR 2.5</p> <p>- Beige</p> <p>- Blue</p>	9528070000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	6.2	-
	9528080000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	6.2	
 <p>WDTR 2.5/WE</p> <p>- Beige</p> <p>- Blue</p>		25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	6.2	-
		25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	6.2	
 <p>WTL 6/1/STB</p> <p>- Beige</p>	1016900000	50	0.5 ... 10	0.5 ... 6.0	800 V	41 A	7.9	1068300000
Accessories For WTR 2.5								Order No
SIHA Fuse Holder (5 x 20 mm)								
- 400 V ac/dc without LED					SIHA 1/G20			7921560000
- 10-36 V ac/dc LED (red)					SIHA 1/G20/LD 10-36 V			7921570000
- 140-250 V ac/dc LED (red)					SIHA 1/G20/LD 140-250 V			7921600000
Diode plug (up to 250V) just for WTR 2.5								
					WSD 2.5/D+/- WTR 2.5			1878560000
					WSD 2.5/D-/± WTR 2.5			1878560000
					WSD 2.5/EMPTY WTR 2.5			1833100000

* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for W Series Terminals please refer to page 12

Fuse Terminals

A

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
WTR 4 SI * - Beige	7910240000	25	0.5 ... 6.0	0.5 ... 4.0	400 V	6.3 A	6.1	1050000000
WSI 6 - Beige	1011000000	50	0.5 ... 10	0.5 ... 6.0	500 V	6.3 A	7.9	1050000000
WSI 6 LD (with LED) 10-36 V DC/AC 30-70 V DC/AC 60-150 V DC/AC 110 V DC / 250 V AC	1011300000 1012200000 1012300000 1012400000	50 50 50 50	0.5 ... 10 0.5 ... 10 0.5 ... 10 0.5 ... 10	0.5 ... 6.0 0.5 ... 6.0 0.5 ... 6.0 0.5 ... 6.0	- - - -	6.3 A 6.3 A 6.3 A 6.3 A	7.9 7.9 7.9 7.9	1050000000 1050000000 1050000000 1050000000

* without LED Fuse inserts at P.40

WSI Fuse Terminals

Version	Order No	Type	Qty	W x L x H mm	Flexible / Stranded wire with end ferrules
WSI 25 10 x 38 - 1 Pole without LED - 2 Pole without LED - 3 Pole without LED - 1 Pole with LED	1966020000 1966090000 1966080000 1966060000	WSI 25/1 10 x 38 WSI 25/2 10 x 38 WSI 25/3 10 x 38 WSI 25/1 10 x 38/LED	12 6 4 12	36 x 28 x 81 36 x 28 x 81 36 x 28 x 81 36 x 28 x 81	1.5...25 / 1.5 ... 25 mm ² 1.5...25 / 1.5 ... 25 mm ² 1.5...25 / 1.5 ... 25 mm ² 1.5...25 / 1.5 ... 25 mm ²
Accessories 10 Amp HRC Fuse 16 Amp HRC Fuse 32 Amp HRC Fuse	7940035094 7940035095 7940033862	10 x 38mm 120kA 10 x 38mm 120kA 10 x 38mm 120kA			








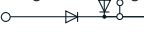





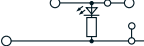
Terminals With Diode

- Diode Rating 1 Amp 1000V

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
WDK 2.5/D - Reverse Voltage Protection - Beige	8025610000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	5.1	1059100000
WDK 2.5/D/1 - Circuit e.g. for contactor - Beige	1023400000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	5.1	1059100000

Terminals With Diode

A

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
 WDK 2.5/D/2 - Circuit e.g. for contactor - Beige 	1023300000	25V	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	5.1	1059100000
 WDK 2.5/D/3 - Lamp Test Circuit - Beige 	8014670000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	5.1	1059100000
 WDK 2.5/D/5 - Lamp Test Circuit - Beige 	1022600000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	5.1	1059100000
 WDK 2.5/D/6 - Lamp Test Circuit - Beige 	1023500000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	5.1	1059100000
 WDK 2.5E/o. Elektr - For installation of electronic components - Beige 	1023200000	100	0.5 ... 4.0	0.5 ... 2.5	400 V	10 A	5.1	1059100000
 WDK 2.5 LD + - - DC voltage indicator - LED (red) 1R 24VDC - LED (green) 1R 24VDC - Beige 	1023600000 8023610000	25 25	0.5 ... 4.0 0.5 ... 4.0	0.5 ... 2.5 0.5 ... 2.5	24 V 24 V	10 A 10 A	5.1 5.1	1059100000
 WDK 2.5 LD - + - DC voltage indicator - LED (red) 1R 24VDC - LED (green) 1R 24VDC - Beige 	8023630000 8010040000	25 25	0.5 ... 4.0 0.5 ... 4.0	0.5 ... 2.5 0.5 ... 2.5	24 V 24 V	10 A 10 A	5.1 5.1	1059100000

* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for W Series Terminals please refer to page 12 - Accessories at A.12 - A.16

1-Stud Terminals

- WF - Series



Type	Order No	Qty*	Rated Voltage	Rated Current	Rated Cross Section mm ²	Cable Lugs	Width (mm)
WF 5	1790130000	25	1000 V	76 A	16	0.11 ... 16	13
WF 6	1780850000	25	1000 V	125 A	35	2.5 ... 35	19.6
WF 8	1780860000	25	1000 V	150 A	50	2.5 ... 50	24.6
WF 10	1780870000	20	1000 V	269 A	120	6.0 ... 120	35.6
WF 12	1780880000	20	1000 V	269 A	120	6.0 ... 120	35.6

2-Stud Terminals

- WF 2BZ



Type	Order No	Qty*	Rated Voltage	Rated Current A	Rated Cross Section m ²	Cable Lugs	Width (mm)
WF 6/2BZ	1789770000	25	1000 V	125 A	35	2.5 ... 35	19.6
WF 8/2BZ	1789780000	25	1000 V	150 A	50	2.5 ... 50	24.6
WF 10/2BZ	1789790000	25	1000 V	269 A	120	6.0 ... 120	35.6

- WFF - Series version without mounted hood



Type	Order No	Qty*	Rated Voltage	Rated Current	Rated Cross Section m ²	Cable Lugs	Width (mm)
WFF 35	1028300000	10	1000 V	125 A	35	2.5 ... 50	27
WFF 70	1028400000	10	1000 V	192 A	70	2.5 ... 95	32
WFF 120	1028500000	5	1000 V	269 A	120	6.0 ... 150	42
WFF 185	1028600000	4	1000 V	353 A	185	10 ... 240	55
WFF 300	1028700000	4	1000 V	520 A	300	25 ... 240	55

- WFF - Series version with mounted hood



Type	Order No	Qty*	Rated Voltage	Rated Current A	Rated Cross Section m ²	Cable Lugs	Width (mm)
WFF 35/AH	1029300000	10	1000	125	35	2.5 ... 50	27
WFF 70/AH	1029400000	10	1000	192	70	2.5 ... 95	32
WFF 120/AH	1029500000	5	1000	269	120	6 ... 150	42
WFF 185/AH	1029600000	4	1000	353	185	10 ... 240	55
WFF 300/AH	1029700000	4	1000	520	300	25 ... 240	55

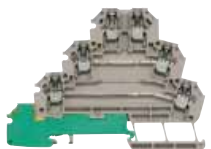
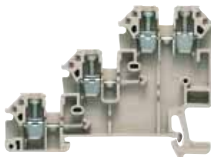
Thermocouple Terminals



Version	Type	Order No	Qty*	Solid Flexible mm ²	Width (mm)	End Plates and Partitions **
(NiCr - Ni)	Type K: WDU 2.5/TC TYP K	1024100000	50	0.5 ... 2.5	10.2	1050000000
(Cu - CuNi)	Type T: WDU 2.5/TC TYP T	1024200000	50	0.5 ... 2.5	10.2	1050000000
(Fe - CuNi)	Type J: WDU 2.5/TC TYP J	1024300000	50	0.5 ... 2.5	10.2	1050000000
(Pt 10% - Pt Rh/Pt 13% - Pt Rh)	Type SR: WDU 2.5/TC TYP SR	1024400000	50	0.5 ... 2.5	10.2	1050000000
(Pt 10% Rh - Pt 6% Rh)	Type B: WDU 2.5/TC TYP B	1033700000	50	0.5 ... 2.5	10.2	1050000000
(NiCr - CuNi)	Type E: WDU 2.5/TC TYP E	1033300000	50	0.5 ... 2.5	10.2	1050000000
(NiSiI - Nicrosil)	Type N: WDU 2.5/TC TYP N	1041500000	50	0.5 ... 2.5	10.2	1050000000

Initiator and Actuator Terminals

- Fits with TS 35 x 7.5 din rail



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions
DLD 2.5	1784180000	50	0.5 ... 4.0	0.5 ... 2.5	250 V	24 A	6	1784210000
DLI 2.5	1783820000	100	0.5 ... 4.0	0.5 ... 2.5	250 V	24 A	6	1783550000
MAK 2.5	1615270000	50	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	6	7917000000

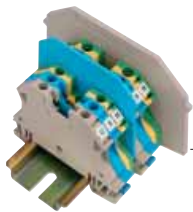
* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for W Series Terminals please refer to page 12

A

End Plates - Partitions

- WAP = End Plate
- WTW = Partition



Type	Colour	Qty*	Order No	For Terminals:
1.5 mm thick WAP WDU 1.5/R3.5	Dark Beige	20	1754190000	WDU 1.5/R3.5 WPE 1.5/R3.5
1.5 mm thick WAP 2.5-10 WAP 2.5-10 BL	Dark Beige Blue	50 50	1050000000 1050080000	WDU 2.5-10 WSI6 WDU 4-10SL WDU 4-10SL/EN WDU 1.5ZZ WTR 2.5/SL WPE 1.5ZZ WDU 2.5/1.5/ZR WTR 4/SL WPE 2.5/1.5/ZR
1.5 mm thick WAP 16-35 WTW 2.5-10 WAP 16-35 WTW 2.5-10 BL	Dark Beige Blue	20 20	1050100000 1050180000	WDU 16 WDU 4-10SL WDU 35 WDU 4-10 SL/EN
1.5mm thick WAP WDK 1.5/R3.5	Dark Beige	20	1754200000	WDK 1.5/R3.5
1.5 mm thick WAP WDU 2.5N/4N WAP WDU 2.5N/4N BL	Dark Beige Blue	50 50	1060000000 1060080000	WDU 2.5N WDU 4N
1.5 mm thick WAP WDK 2.5/4N WAP WDK 2.5/4N BL	Dark Beige Blue	20 20	1084000000 1084080000	WDK 2.5N WDK 2.5N V WDK 2.5N DU-PE WDK 2.5N PE WDK 4N WDK 4N V WDK 4N DU-PE WDK 4N PE
1.5 mm thick WAP WDK 2.5 WAP WDK 2.5 BL	Dark Beige Blue	20 20	1059100000 1059180000	WDK 2.5 WDK 2.5 PE WDK 2.5 D... WDK 2.5 ZQV WDK 2.5 FF WDK 2.5 LD...
1.5 mm thick WAP WTR 2.5/ZZ WAP WTR 2.5/ZZ BL	Dark Beige Blue	20 20	1074600000 1074680000	WTR 2.5/ZZ
1.5 mm thick WAP WDL 2.5/S	Dark Beige	20	1067700000	WDL 2.5/S...
1.5 mm thick WAP WDL 2.5	Dark Beige	20	1067800000	WDL 2.5...
1.5 mm thick AP DLI 2.5 DB	Dark Beige	20	1783550000	DLI 2.5 DB... DLA 2.5 DB...
1.5 mm thick AP DLD 2.5 DB	Dark Beige	20	1784210000	DLD 2.5 DB
1.5 mm thick WAP WTL 6.1	Dark Beige	20	1068300000	WTD 6.1...
1.5 mm thick ZAP/TW 1 ZAP/TW 1 BL	Dark Beige Blue	50 50	1608740000 1608750000	WTL 4...

Pluggable Cross-Connections

■ Type ZQV



Poles	Type	Qty*	Order No: Yellow	Order No: Red	Order No: Blue	Order No: Black	For Terminals:
2	ZQV 2.5N/2	60	1693800000	1717900000	1717990000	1718080000	For standard terminal
3	ZQV 2.5N/3	60	1693810000	1717910000	1718000000	1718090000	WDU 2.5/1.5 ZR;
4	ZQV 2.5N/4	60	1693820000	1717920000	1718010000	1718100000	WDU 2.5;
5	ZQV 2.5N/5	20	1693830000	1717930000	1718020000	1718110000	WDK 2.5/ ZQV;
6	ZQV 2.5N/6	20	1693840000	1717940000	1718030000	1718120000	WDU 1.5 BLZ 5.08/ ZQV
7	ZQV 2.5N/7	20	1693850000	1717950000	1718040000	1718130000	For compact terminal
8	ZQV 2.5N/8	20	1693860000	1717960000	1718050000	1718140000	WDU 2.5N; WDK 2.5N
9	ZQV 2.5N/9	20	1693870000	1717970000	1718060000	1718150000	WDK 2.5N V
10	ZQV 2.5N/10	20	1693880000	1717980000	1718070000	1718160000	WDK 2.5N DU-PE
50	ZQV 2.5N/50	10	1693890000	1718170000	1718180000	1718190000	
2	ZQV 4N/2	60	1758250000	1793950000	1793960000	1793970000	For standard terminal
3	ZQV 4N/3	60	1762630000	1793980000	1793990000	1794000000	WDU 4; WTR 4
4	ZQV 4N/4	60	1762620000	1794010000	1794020000	1794030000	WTR 4 SI; WTR 4 SL
10	ZQV 4N/10	20	1758260000	1794040000	1794050000	1794060000	For compact terminal
41	ZQV 4N/41	10	1758270000	1794070000	1794080000	1794090000	WDU 4N; WDK 4N; WDK 4N V; WDK 4N DU-PE

Note: Yellow standard stock colour

Testing

■ Socket STB



■ Plug PS



For Terminal:	Socket STB: Ø 2.3mm Order No:	Qty*	Socket STB: Ø 4.0mm Order No:	Qty*	Plug PS: PS 2.3 - 2.3mm Order No:	Qty*	Plug PS: PS 4 - Ø 4.0mm Order No:	Qty*
Feed Through Terminals								
WDU 2.5N	0215700000	50			0180400000	20		
WDU 2.5	0215700000	50			0180400000	20		
WDU 4	0280600000	50			0180400000	20		
WDU 6	0280600000	50	0169900000	50	0180400000	20	0299600000	20
WDU 10	0280600000	50	0169900000	50	0180400000	20	0299600000	20
WDU 16N		50	0140200000	50		20	0299600000	20
WDU 35N			0140200000	50			0299600000	20
WDU 70N							0299600000	20
WDU 1.5/ZZ	0215700000	50			0180400000	20		
WDU 2.5/1.5/ZR	0215700000	50			0180400000	20		
Disconnect Terminals: WTR 2.5 WTR 4					0180400000 0180400000			
Fuse Terminals: WTR 4 SI					0180400000	20		

A

Screw Cross-Connections

- Type WQV
Colour: Beige



WQV	No. of Poles	Type	Qty*	Order No	For Terminals:				
WQV 2.5	2	WQV 2.5/2	50	1053660000	WDU 1.5 ZZ, WDU 1.5 BLZ, WDU 2.5/1.5 ZR, WDK 2.5 DU-PE, WDU 2.5 N WDK 2.5F,	WDK 2.5 WDK 2.5V WDK 2.5 DU-PE WDU 2.5, WDU 2.5F			
	3	WQV 2.5/3	50	1053760000					
	4	WQV 2.5/4	50	1053860000					
	5	WQV 2.5/5	10	1053960000					
	6	WQV 2.5/6	10	1054060000					
	7	WQV 2.5/7	10	1054160000					
	8	WQV 2.5/8	10	1054260000					
	9	WQV 2.5/9	10	1054360000					
	10	WQV 2.5/10	20	1054460000					
	15	WQV 2.5/15	10	1059660000					
	32	WQV 2.5/32	10	1577600000					
	WQV 4	2	WQV 4/2	50			1051960000	WDU 4,	WDU 4 SL
		3	WQV 4/3	50			1054560000		
4		WQV 4/4	50	1054660000					
5		WQV 4/5	10	1057860000					
6		WQV 4/6	10	1057160000					
7		WQV 4/7	10	1057260000					
8		WQV 4/8	10	1057960000					
9		WQV 4/9	10	1058060000					
10		WQV 4/10	20	1052060000					
15		WQV 4/15	10	1057460000					
WQV 6	2	WQV 6/2	50	1052360000	WDU 6,	WDU 6 SL			
	3	WQV 6/3	50	1054760000					
	4	WQV 6/4	50	1054860000					
	5	WQV 6/5	50	1062660000					
	6	WQV 6/6	50	1062670000					
	7	WQV 6/7	50	1062680000					
10	WQV 6/10	20	1052260000						
WQV 10	2	WQV 10/2	50	1052560000	WDU 10, WDU 10 ZR	WDU 10 SL,			
	3	WQV 10/3	50	1054960000					
	4	WQV 10/4	50	1055060000					
	10	WQV 10/10	20	1052460000					
WQV 16	2	WQV 16/2	50	1053260000	WDU 16				
	3	WQV 16/3	50	1055160000					
	4	WQV 16/4	50	1055260000					
	10	WQV 16/10	10	1053360000					
WQV 16N	2	WQV 16N/2	50	1636560000	WDU 16N				
	3	WQV 16N/3	50	1636570000					
	4	WQV 16N/4	50	1636580000					
WQV 35	2	WQV 35/2	50	1053060000	WDU 35				
	3	WQV 35/3	50	1055360000					
	4	WQV 35/4	50	1055460000					
WQV 35N	2	WQV 35N/2	50	1079200000	WDU 35N				
	3	WQV 35N/3	50	1079300000					
	4	WQV 35N/4	50	1079400000					
WQV 50N	2	WQV 50N/2	10	1834060000	WDU 50N				
	3	WQV 50N/3	10	1834070000					
	4	WQV 50N/4	10	1834080000					
WQV 70	2	WQV 70/2	5	1063500000	WDU 70/95				
	3	WQV 70/3	5	1063600000					

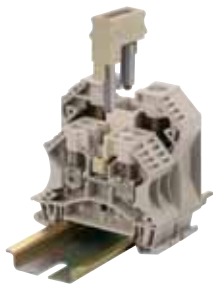
Screw Cross Connection

- Type WQV



WQV	No. of Poles	Type	Qty*	Order No	For Terminals:
WQV 70N	2	WQV 70N/2	5	9512240000	WDU 70N
	3	WQV 70N/3	5	9512250000	
	4	WQV 70N/4	5	9531290000	
WQV 95N/120N	2	WQV 95N/120N/2	5	1826890000	WDU 95N/120N
	3	WQV 95N/120N/3	5	1826900000	
WQV 120	2	WQV 120/2	5	1063300000	WDU 120/150

Power Distribution With Cross-Section Reduction



Current Terminal	Type	Qty*	Order No	For Terminals:
WDU 35	WQV 35-2.5	10	1064100000	WDU 2.5
	WQV 35-4/6	10	1064200000	WDU 4/6
	WQV 35-10	10	1068000000	WDU 10
	WQV 16/2	50	1053260000	WDU 16
WDU 16	WQV 16-2.5	10	1063900000	WDU 2.5
	WQV 16-4/6	10	1064000000	WDU 4/6
WDU 10	QL 10-2.5	10	1859620000	WDU 2.5
	QL 10-4	10	1859610000	WDU 4
WDU 16N	WQV 16N-2.5	10	1073100000	WDU 2.5
	WQV 16N-4/6	10	1072500000	WDU 4/6
	WQV 16N-10	10	1073400000	WDU 10
WDU 6	QL 6-2.5	10	1859600000	WDU 2.5

End Brackets



1061200000



0383560000



1059000000

Type	Order No	Qty*	For Terminals:
WEW 35 / 2	1061200000	100	WDU: 1.5/ZZ, 2.5/15/ZR, 2.5 ..., 4, 4/ZZ, 4/ZR, 6 ... 35N, 6 SL, 10 SL, 4 - 10 SL/EN, 2.5 F WDK: 2.5 ..., 4N V, 4N DU-PE, 2.5 PE, 2.5N PE, 4N PE, 2.5F ... WPE: 1.5/ZZ, 2.5/1.5/ZR, 2.5, 4, 4/ZZ, 4/ZR, 6, 10WPE, 10/ZR, 16N, 35N, WTR: 2.5 ... , 4, 4 SL, 4 SL STB, 4 SL/EN, 4 StB SL/EN, 4 SI SL, WDTR: 2.5, 2.5/WE WDT: 1.5/1, 1.5/2, 1.5/3, WDL: 2.5/NT/L/PE, WDL 2.5..., WNT: 2.5 ... , 16N WTL: 6 SL, 6 SL/EN WTD: 6 SL, 6 SL/EN WTR: 4 SI SL/EN
EW 35	0383560000	50	WDU: 2.5N, 2.5N/ZQV, 2.5N/600 UL, 4N, WPE: 2.5N, 4N DLD: 2.5, 2.5 PE DLI: 2.5 ... (Range) DLA: 2.5 ... (Range)
WEW 35/1	1059000000	50	WDU: 16, 35, 35 IK, 50N, 70N, 95N/120N, 240, 70/95, 120/150, WPE: 16, 35, 50N, 70N/35, 95N/120N, 70/95, 120/150, MAK: 2.5 VLI: 1.5

* Qty. above is recommended pack sizes

A

Cross Connection For Disconnect and Fuse Terminals



For Terminal:	QL							
	2 Pole Order No:	Qty*	3 Pole Order No:	Qty*	4 Pole Order No:	Qty*	10 Pole Order No:	Qty*
Disconnect Terminals								
WTR 2.5 (ZQV)	1693800000	60	1693810000	60	1693820000	60	16938800000	20
Fuse Terminals								
WSI 6 Use with Screw	0194300000	50	0194400000	50	0194500000	50	0338300000	20
	1052100000	100						

Cross Connection For Initiator and Actuator Terminals



Type Q



Type VQB

For Terminals: DLI 2.5, DLI LD PNP, DLI LD NPN, DLD 2.5, DLA 2.5, DLA/D, DLA 2.5/D, DLA 2.5/PE							
Type Q				Type VQB			
No. of Pole:	Type:	Qty*	Order No:	Colour	Type:	Qty*	Order No:
2 Pole	Q2	50	1312500000	Blue	VQB 1.5/50BL	5	1633280000
3 Pole	Q3	50	1312600000	Red	VQB 1.5/50RT	5	1633290000
4 Pole	Q4	50	1312700000	Black	VQB 1.5/50SW	5	1635120000
10 Pole	Q10	20	1313100000				

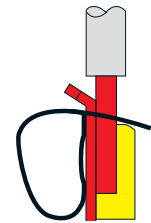
Cross Connection For 2-Stud Terminals



For Terminal:	WQL 2			WQL 3		
	Type:	Order No:	Qty*	Type	Order No:	Qty*
WFF 35	WQL 2/35	1064900000	5	WQL 3/35	1065400000	5
WFF 70	WQL 2/70	1065000000	5	WQL 3/70	1065500000	5
WFF 120	WQL 2/120	1065100000	5	WQL 3/120	1065600000	5
WFF 185	WQL 2/185	1065200000	5	WQL 3/185	1065700000	5
WFF 300	WQL 2/300	1065300000	5	WQL 3/300	1065800000	5

Feed Through Terminals

- From 0.13 to 35 mm²
- Flexible conductors with or without wire end ferrule
- Solid or standard conductors with or without wire end ferrule
- Fits with all TS 35 x 7.5 or x 15mm
- Combustibility class V0 to UL
- Temperature resistant from - 50° to + 120° C
- Contains no halogen or phosphorous










	Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
	ZDU 1.5								
	- Beige	1775480000	100	0.5 ... 1.5	0.5 ... 1.5	500 V	17.5 A	3.5	1776030000
	- Blue	1775490000	100	0.5 ... 1.5	0.5 ... 1.5	500 V	17.5 A	3.5	1776040000
	ZDU 1.5/3AN								
	- Beige	1775530000	100	0.5 ... 1.5	0.5 ... 1.5	500 V	17.5 A	3.5	1776060000
	- Blue	1775540000	100	0.5 ... 1.5	0.5 ... 1.5	500 V	17.5 A	3.5	1776070000
	ZDU 1.5/4AN								
	- Beige	1775580000	100	0.5 ... 1.5	0.5 ... 1.5	500 V	17.5 A	3.5	1776090000
	- Blue	1775600000	100	0.5 ... 1.5	0.5 ... 1.5	500 V	17.5 A	3.5	1776100000
	ZDU 2.5								
	- Beige	1608510000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1608740000
	- Blue	1608520000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1608750000
	ZDU 2.5/3AN								
	- Beige	1608540000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1608770000
	- Blue	1608550000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1608780000
	ZDU 2.5/4AN								
	- Beige	1608570000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1608800000
	- Blue	1608580000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1608810000
	ZDU 4								
	- Beige	1632050000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6	1632090000
	- Blue	1632060000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6	1632100000
	ZDU 4/3AN								
	- Beige	7904180000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6	7904100000
	- Blue	7904190000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6	7904110000
	ZDU 4/4AN								
	- Beige	7904290000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6	7904210000
	- Blue	7904300000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6	7904220000
	ZDU 6								
	- Beige	1608620000	50	0.5 ... 10.0	0.5 ... 6.0	800 V	41 A	8	1608830000
	- Blue	1608630000	50	0.5 ... 10.0	0.5 ... 6.0	800 V	41 A	8	1608840000

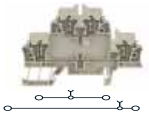
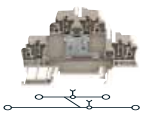
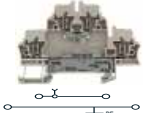
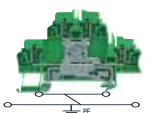
* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for Z Series Terminals please refer to page 25-26 - Accessories at A.25 - A.28







Feed Through Terminals

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **	
	ZDU 6/3AN								
	- Beige	7907410000	50	0.5 ... 10	0.5 ... 6	800 V	41 A	8	7907370000
	- Blue	7907420000	50	0.5 ... 10	0.5 ... 6	800 V	41 A	8	7907380000
	ZDU 10								
	- Beige	1746750000	25	1.5 ... 16	1.5 ... 10	1000 V	57 A	10	1748660000
	- Blue	1746760000	25	1.5 ... 16	1.5 ... 10	1000 V	57 A	10	1764110000
	ZDU 10/3AN								
	- Beige	1767690000	20	1.5 ... 16	1.5 ... 10	800 V	57 A	10	1749580000
	- Blue	1767700000	20	1.5 ... 16	1.5 ... 10	800 V	57 A	10	1768520000
	ZDU 16								
	- Beige	1745230000	25	1.5 ... 16	1.5 ... 16	1000 V	76 A	12	1745150000
	- Blue	1745240000	25	1.5 ... 16	1.5 ... 16	1000 V	76 A	12	1764100000
	ZDU 16/3AN								
	- Beige	1768320000	20	1.5 ... 16	1.5 ... 16	800 V	76 A	12	1749580000
	- Blue	1768330000	20	1.5 ... 16	1.5 ... 16	800 V	76 A	12	1768520000
	ZDU 35								
	- Beige	1739620000	10	2.5 ... 35	2.5 ... 35	800 V	125 A	16	-
	- Blue	1739630000	10	2.5 ... 35	2.5 ... 35	800 V	125 A	16	-
	ZEI 16 (Power Distribution)								
	- Beige	1745350000	20	1.5 ... 16	1.5 ... 16	500 V	76 A	15	-
	- Blue	1766240000	20	1.5 ... 16	1.5 ... 16	500 V	76 A	15	-











Feed Through and Earth Terminals

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **	
	ZDK 2.5/1.5								
	- Beige	1674300000	50	0.5 ... 2.5	0.5 ... 2.5	500 V	20 A	5.1	1674730000
	- Blue	1678630000	50	0.5 ... 2.5	0.5 ... 2.5	500 V	20 A	5.1	1748800000
	ZDK 2.5/1.5 V								
	- Beige	1689990000	50	0.5 ... 2.5	0.5 ... 2.5	500 V	20 A	5.1	1674730000
	- Blue	1745880000	50	0.5 ... 2.5	0.5 ... 2.5	500 V	20 A	5.1	1748800000
	ZDK 2.5/1.5 DU PE								
- Beige	1689970000	50	0.5 ... 2.5	0.5 ... 2.5	-	20 A	5.1	1674730000	
	ZDK 2.5/1.5 PE								
- Green	1690000000	50	0.5 ... 2.5	0.5 ... 2.5	500 V	-	5.1	1674730000	

Multi-tier Terminals

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **	
 	ZDLD 2.5-2 N								
	- Beige	1782300000	50	0.5 ... 2.5	0.5 ... 2.5	500 V	20 A	5.1	1782340000
	- Blue	1782310000	50	0.5 ... 2.5	0.5 ... 2.5	500 V	20 A	5.1	1782350000
 	ZDLD 2.5-2 VN								
	- Beige	1782320000	25	0.5 ... 2.5	0.5 ... 2.5	400 V	20 A	5.1	1782340000
	- Blue	1782330000	25	0.5 ... 2.5	0.5 ... 2.5	400 V	20 A	5.1	1782350000
 	ZMAK 2.5								
- Beige	1768000000	25	0.5 ... 4.0	0.5 ... 2.5	400 V	24 A	5.1	1768010000	

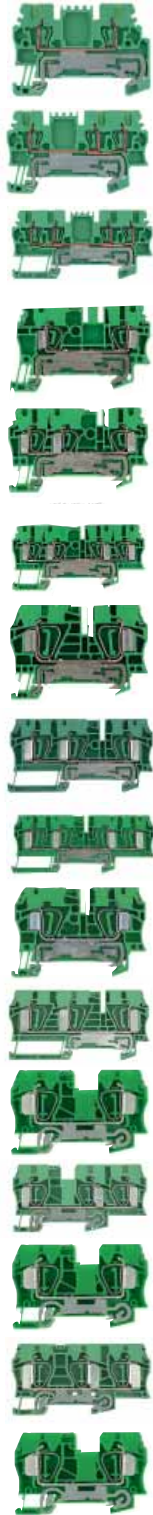
Disconnect Terminals

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **	
 	ZTR 2.5								
	- Beige	1831280000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	20 A	5.1	1608740000
	- Blue	8731710000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	20 A	5.1	
 	Without Disconnecter	1831130000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	20 A	5.1	
	ZTR 2.5/3AN								
	- Beige	8731720000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	20 A	5.1	1608800000
 	- Blue	8731730000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	20 A	5.1	
	Without Disconnecter	8728450000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	20 A	5.1	
	ZTR 2.5/4AN								
 	- Beige	7920900000	100	0.5 ... 2.5	0.5 ... 1.5	400 V	16 A	5.1	1608800000
	- Blue	7920930000	100	0.5 ... 2.5	0.5 ... 1.5	400 V	16 A	5.1	
	Without Disconnecter	7920950000	100	0.5 ... 2.5	0.5 ... 1.5	400 V	16 A	5.1	
 	ZDTR 2.5								
	- Beige	1745400000	20	0.5 ... 4.0	0.5 ... 2.5	400 V	16 A	5.1	1745420000
- Blue	1798330000	20	0.5 ... 4.0	0.5 ... 2.5	400 V	16 A	5.1		

* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for Z Series Terminals please refer to page 25-26 - Accessories at A.25 - A.28

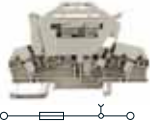
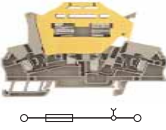
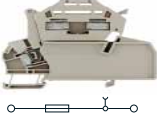

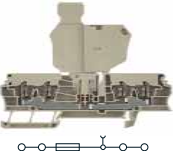
Earth Terminals



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions (Beige)**
ZPE 1.5 - Yellow/green	1775510000	100	0.5 ... 1.5	0.5 ... 1.5	500	-	3.5	1776030000
ZPE 1.5/3AN - Yellow/green	1775560000	100	0.5 ... 1.5	0.5 ... 1.5	500	-	3.5	1776060000
ZPE 1.5/4AN - Yellow/green	1775620000	100	0.5 ... 1.5	0.5 ... 1.5	500	-	3.5	1776090000
ZPE 2.5 - Yellow/green	1608640000	100	0.5 ... 4.0	0.5 ... 2.5	800	-	5.1	1608740000
ZPE 2.5/3AN - Yellow/green	1608650000	100	0.5 ... 4.0	0.5 ... 2.5	800	-	5.1	1608770000
ZPE 2.5/4AN - Yellow/green	1608660000	100	0.5 ... 4.0	0.5 ... 2.5	800	-	5.1	1608800000
ZPE 4 - Yellow/green	1632080000	100	0.5 ... 6.0	0.5 ... 4.0	800	-	6	1632090000
ZPE 4/3AN - Yellow/green	7904170000	50	0.5 ... 6.0	0.5 ... 4.0	800	-	6	7904100000
ZPE 4/4AN - Yellow/green	7904280000	50	0.5 ... 6.0	0.5 ... 4.0	800	-	6	7904210000
ZPE 6 - Yellow/green	1608670000	50	0.5 ... 10	0.5 ... 6.0	800	-	8	1608830000
ZPE 6/3AN - Yellow/green	7907400000	50	0.5 ... 10	0.5 ... 6.0	800	-	8	7907370000
ZPE 10 - Yellow/green	1746770000	25	1.5 ... 16	1.5 ... 10	800	-	10	1748660000
ZPE 10/3AN - Yellow/green	1767670000	20	1.5 ... 16	1.5 ... 10	800	-	10	1749580000
ZPE 16 - Yellow/green	1745250000	25	1.5 ... 16	1.5 ... 16	800	-	12	1745150000
ZPE 16/3AN - Yellow/green	1768310000	20	1.5 ... 16	1.5 ... 16	800	-	12	1749580000
ZPE 35 - Yellow/green	1739650000	10	2.5 ... 35	2.5 ... 35	800	-	16	-

Fuse Terminals

A









Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **	
	ZSI 2.5/5x20 400 V AC/DC	1616400000	50	0.5 ... 4.0	0.5 ... 2.5	500 V	6.3 A	7.9	1608800000
	10-36 V AC/DC with LED	1616440000	50	0.5 ... 4.0	0.5 ... 2.5	500 V	6.3 A	7.9	1608800000
	30-70 V AC/DC with LED	1616430000	50	0.5 ... 4.0	0.5 ... 2.5	500 V	6.3 A	7.9	1608800000
	60-150 V AC/DC with LED	1616420000	50	0.5 ... 4.0	0.5 ... 2.5	500 V	6.3 A	7.9	1608800000
	140-250 V AC/DC with LED	1616410000	50	0.5 ... 4.0	0.5 ... 2.5	500 V	6.3 A	7.9	1608800000
	ZSI 2.5/5x25 400 V AC/DC	1730900000	50	0.5 ... 4.0	0.5 ... 2.5	500 V	6.3 A	7.9	1608800000
	ZSI 2.5/2 400 V AC/DC	1616460000	10	0.5 ... 4.0	0.5 ... 2.5	500 V	12 A	7.9	-
	10-36 V AC/DC with LED	1616470000	10	0.5 ... 4.0	0.5 ... 2.5	500 V	12 A	7.9	
	30-70 V AC/DC with LED	1616480000	10	0.5 ... 4.0	0.5 ... 2.5	500 V	12 A	7.9	
	60-150 V AC/DC with LED	1616490000	10	0.5 ... 4.0	0.5 ... 2.5	500 V	12 A	7.9	
	140-250 V AC/DC with LED	1616500000	10	0.5 ... 4.0	0.5 ... 2.5	500 V	12 A	7.9	
	ZTR 2.5/2* 400 V AC/DC	1831130000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	20 A	5.1	1608740000
	ZTR 2.5/4 AN* 400 V AC/DC	7920950000	100	0.5 ... 2.5	0.5 ... 1.5	400 V	16 A	5.1	1608800000

* With fuse SIHA


Fuse Inserts: Refer to page 40

A









Feed-Through Terminals, Roof-Style

	Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
	ZDU 2.5-2								
	- Beige	1772060000	100	0.5 ... 2.5	0.5 ... 2.5	800 V	24 A	5.1	1706110000
	- Blue	1772070000	100	0.5 ... 2.5	0.5 ... 2.5	800 V	24 A	5.1	1706120000
	ZDU 2.5-2/3AN								
	- Beige	1706010000	100	0.5 ... 2.5	0.5 ... 2.5	800 V	24 A	5.1	1706110000
	- Blue	1706040000	100	0.5 ... 2.5	0.5 ... 2.5	800 V	24 A	5.1	1706120000
	ZDU 2.5-2/4AN								
	- Beige	1706060000	100	0.5 ... 2.5	0.5 ... 2.5	800 V	24 A	5.1	1706110000
	- Blue	1706070000	100	0.5 ... 2.5	0.5 ... 2.5	800 V	24 A	5.1	1706120000
	ZDU 4-2								
	- Beige	1770370000	100	0.5 ... 4.0	0.5 ... 4.0	800 V	32 A	6.1	1770400000
	- Blue	1770840000	100	0.5 ... 4.0	0.5 ... 4.0	800 V	32 A	6.1	1770880000
	ZDU 4-2/3AN								
	- Beige	1770360000	100	0.5 ... 4.0	0.5 ... 4.0	800 V	32 A	6.1	1770400000
	- Blue	1770860000	100	0.5 ... 4.0	0.5 ... 4.0	800 V	32 A	6.1	1770880000
	ZDU 6-2/2AN								
	- Beige	1771380000	50	0.5 ... 10	0.5 ... 6.0	800 V	41 A	8.1	1771440000
	- Blue	1771390000	50	0.5 ... 10	0.5 ... 6.0	800 V	41 A	8.1	1771450000
	ZDU 6-2/3AN								
	- Beige	1771410000	50	0.5 ... 10	0.5 ... 6.0	800 V	41 A	8.1	1771440000
	- Blue	1771420000	50	0.5 ... 10	0.5 ... 6.0	800 V	41 A	8.1	1771450000
	ZEI 16-2/1AN (Power Distribution Terminal)								
	- Beige	1772940000	20	0.5 ... 16	1.5 ... 16	800 V	76 A	14	-
	- Blue	1772950000	20	0.5 ... 16	1.5 ... 16	800 V	76 A	14	-


Disconnect Terminals, Roof-Style

	Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
	ZTR 2.5-2 / roof-style								
	- Beige	1779010000	100	0.5 ... 2.5	0.5 ... 1.5	400 V	10 A	5.1	1706110000
	- Blue	1779120000	100	0.5 ... 2.5	0.5 ... 1.5	400 V	10 A	5.1	

Earth Terminals, Roof-Style

	Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions (Beige)**
	ZPE 2.5-2 Yellow/Green	1772090000	100	0.5 ... 4.0	0.5 ... 2.5	800	–	5.1	1706110000
	ZPE 2.5-2/3AN Yellow/Green	1706090000	100	0.5 ... 4.0	0.5 ... 2.5	800	–	5.1	1706110000
	ZPE 2.5-2/4AN Yellow/Green	1706100000	100	0.5 ... 4.0	0.5 ... 2.5	800	–	5.1	1706110000
	ZPE 4-2/2AN Yellow/Green	1770380000	100	0.5 ... 6.0	0.5 ... 4.0	800	–	6.1	1770400000
	ZPE 4-2/3AN Yellow/Green	1770390000	100	0.5 ... 6.0	0.5 ... 4.0	800	–	6.1	1770400000
	ZPE 6-2/2AN Yellow/Green	1771370000	50	0.5 ... 10	0.5 ... 6.0	800	–	8.1	1771440000
	ZPE 6-2/3AN Yellow/Green	1771360000	50	0.5 ... 10	0.5 ... 6.0	800	–	8.1	1771440000
	ZPE 16-2/1AN Yellow/Green	1772960000	100	0.5 ... 16	0.5 ... 16	800	800	12	1772970000

Fuse Terminals, Roof-Style

	Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)
	ZTR 2.5-2 / SI roof-style	1779020000	25	0.5 ... 2.5	0.5 ... 1.5	400 V	6.3 A	5.1
	400 V AC/DC	1779030000	25	0.5 ... 2.5	0.5 ... 1.5	400 V	6.3 A	5.1
	10-36 V AC/DC with LED	1779040000	25	0.5 ... 2.5	0.5 ... 1.5	400 V	6.3 A	5.1
	30-70 V AC/DC with LED	1779050000	25	0.5 ... 2.5	0.5 ... 1.5	400 V	6.3 A	5.1
	60-150 V AC/DC with LED	1779060000	25	0.5 ... 2.5	0.5 ... 1.5	400 V	6.3 A	5.1
	140-250 V AC/DC with LED	1779070000	25	0.5 ... 2.5	0.5 ... 1.5	400 V	6.3 A	5.1

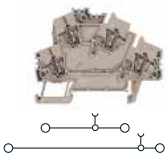
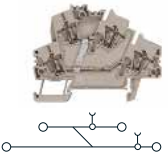
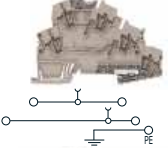
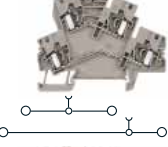
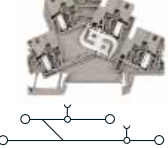
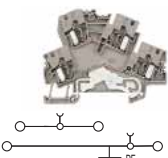
Fuse Inserts: Refer to page 40

* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for Z Series Terminals please refer to page 25-26


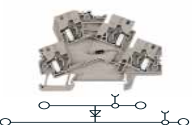
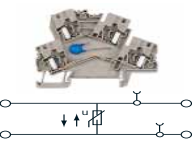
A

Two-Tier Terminals, Roof Style

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **	
	ZDK 2.5-2								
	- Beige	1790990000	50	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1791050000
	- Blue	1791000000	50	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1791060000
	ZDK 2.5-2V *								
	- Beige	1791030000	50	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1791050000
	- Blue	1791040000	50	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1791060000
	ZDK PE 2.5								
- Beige	1805940000	50	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	5.1	1805960000	
	ZDK 4-2								
	- Beige	8670750000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.1	8670760000
	- Blue	8670850000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.1	8670620000
	ZDK 4-2V *								
	- Beige	8671080000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.1	8670760000
	- Blue	8704360000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.1	8670620000
	ZDK 4-2 DU/PE								
- Beige	8671120000	50	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.1	8670760000	

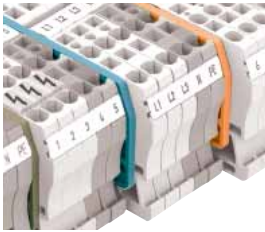
* Vertically Cross-Connected 2-Tier Terminal

Terminals With Electronic Components, Roof-Style

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
	ZDU 2.5-2/D							
	- With Diode Beige	1779110000	20	0.5 ... 2.5	0.5 ... 1.5	400 V	1 A	5.1
	ZDK 4-2/D							
	- With Diode Beige	8670520000	50	0.5 ... 4.0	0.5 ... 4.0	800 V	1 A	6.1
	ZDK 4-2/MOV							
- With Varistor Beige	8670700000	50	0.5 ... 4.0	0.5 ... 4.0	140 V	1 A	6.1	8670760000

End Plates For Standard Z-Series Terminals

A



Type	Colour	Qty*	Order No	For Terminals:
Width 2 mm ZAP/TW ZDU 1.5/2 AN ZAP/TW ZDU 1.5/2 AN BL	Dark Beige Blue	20 20	1776030000 1776040000	ZDU 1.5 ZPE 1.5
Width 2 mm ZAP/TW ZDU 1.5/3 AN ZAP/TW ZDU 1.5/3 AN BL	Dark Beige Blue	20 20	1776060000 1776070000	ZDU 1.5/3 AN ZPE 1.5/3 AN
Width 2 mm ZAP/TW ZDU 1.5/4 AN ZAP/TW ZDU 1.5/4 AN BL	Dark Beige Blue	20 20	1776090000 1776100000	ZDU 1.5/4 AN ZPE 1.5/4 AN
Width 2 mm ZAP/TW ZDK 1.5 ZAP/TW ZDK 1.5 BL	Dark Beige Blue	20 20	1791160000 1791170000	ZDK 1.5 ZPE 1.5 V
Width 2 mm ZAP/TW 1 ZAP/TW 1 BL	Dark Beige Blue	50 50	1608740000 1608750000	ZDU 2.5 ZPE 2.5 ZTR 2.5
Width 2 mm ZAP/TW 2 DB ZAP/TW 2 BL	Dark Beige Blue	50 50	1608770000 1608780000	ZDU 2.5/3 AN ZPE 2.5/3 AN
Width 2 mm ZAP/TW 3 ZAP/TW 3 BL	Dark Beige Blue	50 50	1608800000 1608810000	ZDU 2.5/4 AN ZDU 2.5/2x2 AN ZTR 2.5/3 AN ZTR 2.5/4 AN
Width 1.5 mm ZAP/TW ZDK 2.5/1.5 ZAP/TW ZDK 2.5/1.5 BL	Dark Beige Blue	20 20	1674730000 1748800000	ZDK 2.5/1.5 ZDK 2.5/1.5 V
Width 1.5 mm ZAP ZDLD 2.5-2 N ZAP ZDLD 2.5-2 N BL	Dark Beige Blue	20 20	1782340000 1782350000	ZDLD 2.5-1 N ZDLD 2.5-2 VN
Width 1.5 mm ZAP/ZMAK 2.5	Dark Beige	10	1768010000	ZMAK 2.5
Width 1.5 mm AP ZDTR 2.5 AP ZDTR 2.5 BL	Dark Beige Blue	20 20	1745420000 1798340000	ZDTR 2.5
Width 2 mm ZAP/TW 4 DB ZAP/TW 4 BL	Dark Beige Blue	50 50	1632090000 1632100000	ZDU 4 ZDU 4
Width 2 mm ZAP/TW 4/4 AN ZAP/TW 4/4 AN BL	Dark Beige Blue	20 20	7904210000 7904220000	ZDU 4/4 AN ZPE 4/4 AN
Width 2 mm ZAP/TW 5 ZAP/TW 5 BL	Dark Beige Blue	50 50	1608830000 1608840000	ZDU 6 ZPE 6

End Plates For Standard Z-Series Terminals



Type	Colour	Qty*	Order No	For Terminals:
Width 2.7 mm ZAP/TW ZDU 10 ZAP/TW ZDU 10 BL	Dark Beige Blue	20 20	1748660000 1764110000	ZDU 10 ZPE 10
Width 2.7 mm ZAP/TW 10/16 ZAP/TW 10/16 BL	Dark Beige Blue	20 20	1749580000 1768520000	ZDU 10/3 AN ZDU 16/3 AN
Width 2.7 mm ZAP/TW ZDU 16 ZAP/TW ZDU 16 BL	Dark Beige Blue	20 20	1745150000 1764100000	ZDU 16 ZPE 16

End Plates For Roof-Style Z-Series Terminals

Type	Colour	Qty*	Order No	For Terminals:
Width 2 mm ZAP/TW 7 ZAP/TW 7 BL	Dark Beige Blue	50 50	1706110000 1706120000	ZDU 2.5-2, ZDU 2.5-2/3 AN ZDU 2.5-2/4 AN ZPE 2.5-2
Width 2 mm ZAP/TW ZDK 2.5-2 ZAP/TW ZDK 2.5-2 BL	Dark Beige Blue	20 20	1791050000 1791060000	ZDK 2.5-2 ZDK 2.5-2 PE
Width 2 mm ZAP/TW ZDKPE 2.5-2	Dark Beige	20	1805960000	ZDKPE 2.5-2
Width 2 mm ZAP ZDU 4-2 ZAP ZDU 4-2 BL	Dark Beige Blue	50 50	1770400000 1770880000	ZDU 4-2 ZDU 4-2/3 AN
Width 2 mm ZAP ZDU 4-2/4 AN ZAP ZDU 4-2/4 AN BL	Dark Beige Blue	50 50	1807010000 1807020000	ZDU 4-2/4 AN ZPE 4-2/4 AN
Width 2 mm ZAP ZDU 6-2 ZAP ZDU 6-2 BL	Dark Beige Blue	50 50	1771440000 1771450000	ZDU 6-2 ZDU 6-2/3 AN
Width 1.8 mm ZAP/ZDU 16-2/1 AN	Dark Beige	10	1772970000	ZPE 16-2/1 AN

Pluggable Cross Connections

■ Type ZQV



Type	Qty*	Order No	For Terminals:
ZQV 1.5			
ZQV 1.5/2	60	1776120000	Standard: ZDU 1.5..., ZDK 1.5..., ZEI 6
ZQV 1.5/3	60	1776130000	
ZQV 1.5/4	60	1776140000	
ZQV 1.5/5	60	1776150000	
ZQV 1.5/10	20	1776200000	
ZQV 2.5			
ZQV 2.5/2	60	1608860000	Standard: ZDU 2.5..., ZDK 2.5/1.5..., ZTR 2.5..., ZDTR 2.5..., ZSI 2.5..., ZRV 1.5..., ZIA 1.5..., ZEI 16
ZQV 2.5/3	60	1608870000	
ZQV 2.5/4	60	1608880000	
ZQV 2.5/5	20	1608890000	
ZQV 2.5/6	20	1608900000	Roof Style: ZDU 2.5-2..., ZDK 2.5-2..., ZTR 2.5-2..., ZDL 2.5-2..., ZDKPE 2.5-2, ZDU 2.5 S, ZNT 2.5 S, ZEI 16-2/1 AN
ZQV 2.5/7	20	1608910000	
ZQV 2.5/8	20	1608920000	
ZQV 2.5/9	20	1608930000	
ZQV 2.5/10	20	1608940000	
ZQV 2.5/50	10	1697540000	
ZQV 4			
ZQV 4/2	60	1608950000	Standard: ZDU 4..., ZDK 4/S..., ZEI 16
ZQV 4/3	60	1608960000	Roof Style: ZDU 4-2..., ZDU 4 S..., ZEI 16-2/1 AN
ZQV 4/4	60	1608970000	
ZQV 4/5	20	1608980000	
ZQV 4/6	20	1608990000	
ZQV 4/7	20	1609000000	
ZQV 4/8	20	1609010000	
ZQV 4/9	20	1609020000	
ZQV 4/10	20	1609030000	
ZQV 6			
ZQV 6/2	60	1627850000	Standard: ZDU 6..., ZDK 6/S..., ZTL 6..., ZEI 16
ZQV 6/3	60	1627860000	Roof Style: ZDU 6-2..., ZDU 6 S..., ZB 16-2/1 AN
ZQV 6/4	60	1627870000	
ZQV 6/32	10	1733640000	
ZQV 10/2			
ZQV 10/2	25	1739680000	Standard: ZDU 10..., ZDU 10 NT Roof Style: ZDU 10 S
ZQV 16/2			
ZQV 16/2	25	1739690000	Standard: ZDU 16 ZPE 16 Roof Style: ZDU 16 S ZPE 16 S
ZQV 35/2			
ZQV 35/2	10	1739700000	Standard: ZDU 35 ZPE 35

* Qty. above is recommended pack sizes

A

Pluggable Cross Connections



Type	Qty*	Order No	For Terminals:
ZQV 2.5			
ZQV 2.5N/2	60	1693800000	Standard: ZT 2.5..., ZDT 2.5..., ZP 2.5
ZQV 2.5N/3	60	1693810000	Roof Style: ZDUA 2.5-2..., ZDUA 2.5-2N ZDL 2.5
ZQV 2.5N/4	60	1693820000	
ZQV 2.5N/5	20	1693830000	
ZQV 2.5N/6	20	1693840000	
ZQV 2.5N/7	20	1693850000	
ZQV 2.5N/8	20	1693860000	
ZQV 2.5N/9	20	1693870000	
ZQV 2.5N/10	20	1693880000	
ZQV 2.5N/50	5	1693890000	
ZQB 2.5			
ZQB 2.5-2	50	1677120000	Roof Style: ZDUB 2.5-2/4 AN ZDU 2.5-2/4 AN
ZQS 2.5			
ZQS 2.5/2	20	1633200000	Standard: ZSI 2.5/2
ZQS 2.5/3	20	1633210000	
ZQS 2.5/4	20	1633220000	
ZQS 2.5/5	20	1633230000	
ZVQ 2.5/1.5			
ZVQ 2.5/1.5	50	1720700000	Standard: ZDK 2.5/1.5..., ZDT 2.5/2 Roof Style: ZDLD 2.5-2

End Brackets






Type	Order No	Qty*	For Terminals:
ZEW 35	9540000000	20	ZDU: 1.5 ..., 35 2.5-2..., 4-2 ..., 6-2..., 2.5 ..., 4 ..., 6 ..., 10..., 16... ZEI: 6, 16..., ZPE: 1.5 ..., 2.5 ..., 4 ..., 6..., 10 ..., 16 ..., 35, ZDK: 1.5 ..., 2.5 ..., 4 ..., 6 ..., ZDL: 2.5..., ZDLD: 2.5 ..., ZMAK: 2.5 ZTR: 2.5 ZDTR: 2.5 ZNT: 2..., 4..., 6..., 10..., 16..., 35...,

With the P-Series, Weidmüller is presenting a new generation of terminals that offers several unique benefits in one product family. The "Push-in" technology along with the ability to reduce terminals required from five to three to perform the same function is the hallmark of this technology.




- In the past you would have needed five different types of terminals to wire up to 16mm² (6AWG). With the P-Series terminals, PDU 2.5/4, PDU6/10 and PDU 16, the same can be accomplished with now three terminals.
- Users of the Push In connection system are impressed by the faster wiring time that is easy and safe
- Direct insertion of solid wires
- Direct insertion of flexible wires fitted with ferrules
- Safer to use (spring stop - protects the spring, conductor stop)
- Wemid insulating material
- Cross-connections, also pluggable

Feed-Through Terminals

Type	Order No	Qty*	Colour	Solid/Stranded Rated Connection mm ²	Flexible with Ferrule Rated Connection mm ²	Rated Voltage	Rated Current	End Plates and Partitions **
 PDU 2.5/4	1896110000	100	Beige	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1896300000
PDU 2.5/4 BL	1896230000	100	Blue	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1896300000
PDU 2.5/4 3AN	1896120000	100	Beige	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1894800000
PDU 2.5/4 3AN BL	1896240000	100	Blue	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1896480000
PDU 2.5/4 4AN	1896130000	100	Beige	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1896320000
PDU 2.5/4 4AN BL	1896250000	100	Blue	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1896320000
 PDU 6/10	1896140000	100	Beige	2.5 ... 10	2.5 ... 10 /2.5 ... 10	800 V	57 A	1896330000
PDU 6/10 BL	1896270000	100	Blue	2.5 ... 10	2.5 ... 10 /2.5 ... 10	800 V	57 A	1896330000
PDU 6/10 3AN	1896150000	100	Beige	2.5 ... 10	2.5 ... 10 /2.5 ... 10	800 V	57 A	1896340000
PDU 6/10 3AN BL	1896280000	100	Blue	2.5 ... 10	2.5 ... 10 /2.5 ... 10	800 V	57 A	1896340000
 PDU 16	1896400000	100	Beige	2.5 ... 16	2.5 ... 16 /2.5 ... 16	800 V	76 A	1896290000
PDU 16 BL	1896220000	100	Blue	2.5 ... 16	2.5 ... 16 /2.5 ... 16	800 V	76 A	1896290000
PEI 16	1918780000	10	Beige	2.5 ... 16	2.5 ... 16 /2.5 ... 16	800 V	76 A	-
PEI 16 BL	1918790000	10	Blue	2.5 ... 16	2.5 ... 16 /2.5 ... 16	800 V	76 A	-

Earth Terminals

Type	Order No	Qty*	Colour	Solid/Stranded Rated Connection mm ²	Flexible with Ferrule Rated Connection mm ²	Rated Voltage	End Plates and Partitions **
 PPE 2.5/4	1896170000	100	Green/Yellow	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	1896300000
PPE 2.5/4 3AN	1896200000	100	Green/Yellow	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	1896480000
PPE 2.5/4 4AN	1896160000	50	Green/Yellow	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	1896320000
PPE 6/10	1896180000	100	Green/Yellow	0.5 ... 10	1.5 ... 10 /1.5 ... 10	800 V	1896330000
PPE 6/10 3AN	1896190000	100	Green/Yellow	0.5 ... 10	1.5 ... 10 /1.5 ... 10	800 V	1896340000
PPE 16	1896210000	100	Green/Yellow	0.5 ... 10	1.5 ... 10 /1.5 ... 16	800 V	1896290000

* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for P Series Terminals please refer to page 33 Accessories at A.33 - A.34

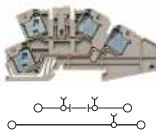
Two-Tier Terminals

A

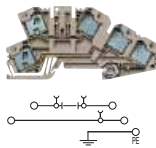


Type	Order No	Qty*	Colour	Solid/Stranded Rated Connection mm ²	Flexible with Ferrule Rated Connection mm ²	Rated Voltage	Rated Current	End Plates and Partitions **
PDK 2.5/4	1918770000	100	Beige	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1919720000
PDK 2.5/4 BL	1918760000	100	Blue	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1919720000
PDK 2.5/4 V	1918730000	100	Beige	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1919720000
PDK 2.5/4 V BL	1918680000	100	Blue	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1919720000
PDK 2.5/4 N/L	1918740000	100	Beige	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1919720000
PDK 2.5/4I-PE	1918720000	50	Beige	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	32 A	1919720000
PDK 2.5/4P	1918710000	100	Green	0.5 ... 6.0	0.2 ... 4 /0.5 ... 4	800 V	-	1919720000

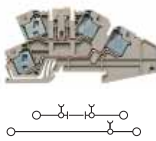
Disconnect Terminals



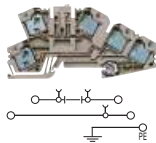
Type	Order No	Qty*	Colour	Solid/Stranded Rated Connection mm ²	Flexible with Ferrule Rated Connection mm ²	Rated Voltage	Rated Current	End Plates and Partitions **
PDL: 4/TR/DU 0 TNHE	1899210000	50	Beige	0.5 ... 6.0	0.5 ... 4 /0.5 ... 4	400 V	20 A	1883210000



PDL: 4/TR/DU/PE 0 TNHE	1899220000	50	Beige	0.5 ... 6.0	0.5 ... 4 /0.5 ... 4	400 V	20 A	1883210000
----------------------------------	-------------------	----	-------	-------------	----------------------	-------	------	-------------------

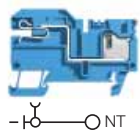


PDL: 4/TR/DU	1899190000	50	Beige	0.5 ... 6.0	0.5 ... 4 /0.5 ... 4	400 V	20 A	1883210000
------------------------	-------------------	----	-------	-------------	----------------------	-------	------	-------------------



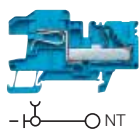
PDL: 4/TR/DU/PE	1899200000	50	Beige	0.5 ... 6.0	0.5 ... 4 /0.5 ... 4	400 V	20 A	1883210000
---------------------------	-------------------	----	-------	-------------	----------------------	-------	------	-------------------

Distribution Terminals

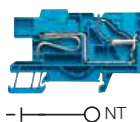


Type	Order No	Qty*	Colour	Solid/Stranded Rated Connection mm ²	Flexible with Ferrule Rated Connection mm ²	Rated Voltage	Rated Current	End Plates and Partitions **
------	----------	------	--------	---	--	---------------	---------------	------------------------------

N Conductor Disconnect Terminal PNT 2.5/4	1896360000	50	Blue	0.5 ... 6.0	0.5 ... 4 /0.5 ... 4	250 V	32 A	1896390000
---	-------------------	----	------	-------------	----------------------	-------	------	-------------------




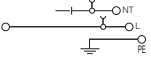

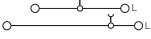

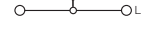

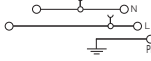

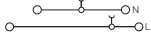

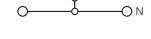
PNT 6/10	1896370000	100	Blue	1.5 ... 10	2.5 ... 10 /2.5 ... 10	250 V	57 A	1896100000
----------	-------------------	-----	------	------------	------------------------	-------	------	-------------------



PNT 16	1896350000	100	Blue	2.5 ... 16	2.5 ... 16 /2.5 ... 16	250 V	76 A	1896380000
--------	-------------------	-----	------	------------	------------------------	-------	------	-------------------

Distribution Terminals

A

Type	Order No	Qty*	Colour	Solid/Stranded Rated Connection mm ²	Flexible with Ferrule Rated Connection mm ²	Rated Voltage	Rated Current	End Plates and Partitions **
  <p>Distribution Terminals PDL 4 S/NT/L/PE</p>	1837060000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1837070000
  <p>PDL 4 S/L/L</p>	1837030000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1837070000
  <p>PDL 4 S/L</p>	1847610000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1837070000
  <p>PDL 4 S/N/L/PE</p>	1837050000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1837070000
  <p>PDL 4 S/N/L</p>	1847630000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1837070000
  <p>PDL 4 S/N</p>	1847620000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1837070000

Distribution Terminals

Type	Order No	Qty*	Colour	Solid/Stranded Rated Connection mm ²	Flexible with Ferrule Rated Connection mm ²	Rated Voltage	Rated Current	End Plates and Partitions **
  <p>Distribution Terminals PDL 4 S/L/L/PE</p>	1837040000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1837070000
  <p>PDL 4 NT/L/PE</p>	1882620000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	20 A	1883210000
  <p>PDL 4 NT/L</p>	1882600000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	20 A	1883210000
  <p>PDL 4 N/L/PE</p>	1899180000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1883210000
  <p>PDL 4 L/L/PE</p>	1882610000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1883210000
  <p>PDL 4 L/L</p>	1882590000	50	Beige	0.5 ... 6 / 1.5 ... 4	0.5 ... 4 / 0.5 ... 4	400 V	32 A	1883210000

End Plates For P-Series Terminals

A



Type	Qty*	Order No	Colour	For Terminals:
Width 3 mm PAP 2.5/4	50	1896300000	Dark Beige	PDU 2.5/4 PDU 2.5/4 BL PPE 2.5/4
Width 3 mm PAP 2.5/4/3 AN	50	1896480000	Dark Beige	PDU 2.5/4/3AN PDU 2.5/F/3AN BL PPE 2.5/4/3AN
Width 3 mm PAP 2.5/4/4 AN	50	1896320000	Dark Beige	PDU 2.5/4AN PDU 2.5/4/4AN BL PPE 2.5/4/4AN
Width 3 mm PAP PDU6/10	100	1896330000	Dark Beige	PDU 6/10 PDU 6/10 BL PPE 6/10
Width 3 mm PAP PDU6/10/3 AN	100	1896340000	Dark Beige	PDU 6/10/3AN PDU 6/10/3AN BL PPE 6/10/3AN
Width 3 mm PAP 16	100	1896290000	Dark Beige	PDU 16 PPE 16
Width 3 mm PAP PDK 2.5/4	100	1919720000	Dark Beige	PDK 2.5/4 PDK 2.5/4/4/4V PDK 2.5/4 N/L PDK 2.5/4 L/PE PDK 2.5/4 PE
Width 3 mm PAP PDL 4	20	1883210000	Dark Beige	PDL 4/TR/DU O TNHE PDL 4/TR/DU/PE O TNHE PDL 4/TR/DU PDL 4/TR/DU/PE
Width 3 mm PHP PNT 2.5/4	50	1896390000	Blue	PNT 2.5/4
PHP/PNT 6/10	50	1896100000	Blue	PNT 6/10
Width 3 mm PAP PDL 4S	20	1837070000	Dark Beige	PDL 4 S/NT/L/PE PDL 4 S/L/L PDL 4 S/L PDL 4 S/N/L/PE PDL 4 S/N PDL 4 S/L/L/PE
Width 3 mm PAP PDL 4S	20	1832100000	Dark Beige	PDL 4NT/L/PE PDL 4NT/L PDL 4N/L/PE PDL 4L/L/PE PDL 4L/L

A

Pluggable Cross Connections For P-Series Terminals



■ Type ZQV

Type	Qty*	Order No	For Terminals:
ZQV 2.5			
ZQV 2.5/2	60	1608860000	PDU 2.5/4, PDU 2.5/4 3AN, PDU 2.5/4 4AN
ZQV 2.5/3	60	1608870000	PDK 2.5/4, PDK 2.5/4V, PDK 2.5/4 N-L, PDK 2.5/4 L-PE
ZQV 2.5/4	60	1608880000	PDL 4... all variants
ZQV 2.5/10	20	1608940000	PNT 2.5/4
ZQV 2.5/20	20	1908960000	
ZQV 6N			
ZQV 6N/2	60	1906210000	PDU 6/10, PDU 6/10 3 AN
ZQV 6N/3	60	1906220000	PNT 6/10
ZQV 6N/4	60	1906230000	
ZQV 6N/20	20	1906240000	
ZQV 16			
ZQV 16/2	25	1736900000	PDU 16, PEI 16

End Brackets













Type	Order No	Qty*	For Terminals:
ZEW 35	9540000000	20	PDU: 2.5..., 6..., 16 PEI: 16 PPE: 2.5 ..., 6..., 16 ..., PDK: 2.5 ..., PDL: 4...,

Feed-Through Terminals

- Fits on TS 35 din rail
- KrG = Melamine
- PA = Polyamide



A

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
 SAKD 2.5 D/35 PA PA Blue	0268860000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5	0150960000
	0268880000	100	0.5 ... 4.0	0.5 ... 2.5	500 V	24 A	5	0150980000
 SAK 2.5/35 KrG PA PA Blue	0380420000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	6	0302820000
	0380460000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	6	0279560000
	0380480000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	24 A	6	0279580000
 SAK 4/35 KrG PA PA Blue PA Orange	0443620000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.5	0117920000
	0443660000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.5	0117960000
	0443680000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.5	0117980000
	1323660000	100	0.5 ... 6.0	0.5 ... 4.0	800 V	32 A	6.5	
 SAK 6/35 KrG PA PA Blue	0380520000	100	0.5 ... 10	0.5 ... 6.0	800 V	41 A	8	0117920000
	0380560000	100	0.5 ... 10	0.5 ... 6.0	800 V	41 A	8	0117960000
	0380580000	100	0.5 ... 10	0.5 ... 6.0	800 V	41 A	8	0117980000
 SAK 10/35 KrG PA PA Blue	0443720000	100	1.5 ... 10	1.5 ... 10	800 V	57 A	10	0117920000
	0443760000	100	1.5 ... 10	1.5 ... 10	800 V	57 A	10	0117960000
	0443780000	100	1.5 ... 10	1.5 ... 10	800 V	57 A	10	0117980000
 SAK 16/35 KrG PA PA Blue	0380620000	50	2.5 ... 10	4.0 ... 16	1000 V	76 A	12	0271120000
	0380660000	50	2.5 ... 10	4.0 ... 16	1000 V	76 A	12	0271160000
	0380680000	50	2.5 ... 10	4.0 ... 16	1000 V	76 A	12	0271180000
 SAK 35 N/35 KrG KrG Hexagon Socket KrG Hexagon Socket Blue PA PA Hexagon Socket	0608220000	20	2.5 ... 16	2.5 ... 35	1000 V	125 A	16	0303620000
	0608320000	20	2.5 ... 16	2.5 ... 35	1000 V	125 A	16	0303620000
	0608370000	20	2.5 ... 16	2.5 ... 35	1000 V	125 A	16	0303670000
	0608260000	20	2.5 ... 16	2.5 ... 35	1000 V	125 A	16	0303680000
	0608360000	20	2.5 ... 16	2.5 ... 35	1000 V	125 A	16	0303680000
 SAK 35/35 PA PA Hexagon Socket PA Blue	0380760000	20	6 ... 16	10 ... 35	800 V	125 A	18	0303660000
	0582460000	20	6 ... 16	10 ... 35	800 V	125 A	18	0303660000
	0380780000	20	6 ... 16	10 ... 35	800 V	125 A	18	0303680000
 SAK 70/35 PA Hexagon Socket	0139160000	10	16 ... 70 6 x 13 x 0.5	16 ... 35	1000 V	192 A	22	0340960000
 SAK 95/35 KrG Hexagon Socket	0662220000	10	10 ... 95 6 x 13 x 0.5	10 ... 35 6 x 16 x 0.8	1000 V	232 A	28	0550920000

* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for SAK Terminals please refer to page 41 - Accessories at A.41 - A.45

A

Feed-Through Terminals With Two Tiers

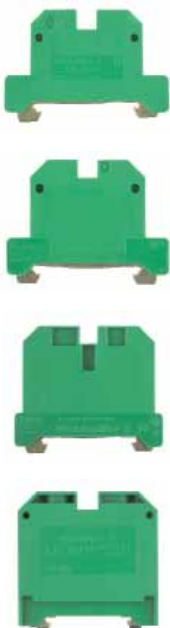
- Fits on TS 35 din rail
- KrG = Melamine
- PA = Polyamide



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
DK 4 Q PA PA Blue	0590160000	100	0.5 ... 2.5	0.5 ... 4.0	500 V	2 x 32 A	6	1397160000
	0590180000	100	0.5 ... 2.5	0.5 ... 4.0	500 V	2 x 32 A	6	1397180000
DK 4 QV PA PA Blue	0363660000	100	0.5 ... 4.0	0.5 ... 4.0	500 V	2 x 32 A	6	1397160000
	0353680000	100	0.5 ... 4.0	0.5 ... 4.0	500 V	32 A	6	1397180000
DK 4 PA PA Blue	0527660000	100	0.5 ... 4.0	0.5 ... 4.0	500 V	2 x 32 A	6	0359260000
	0527680000	100	0.5 ... 4.0	0.5 ... 4.0	500 V	2 x 32 A	6	0359280000

Earth Terminals

- Fits on TS 35 din rail



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
EK 2.5	0661060000	100	0.5 ... 4.0	0.5 ... 2.5	800 V	-	6	-
EK 4	0661160000	100	0.5 ... 4.0	0.5 ... 4.0	800 V	-	6.5	-
EK 16	0190160000	50	2.5 ... 16	4 ... 16	800 V	-	12	-
EK 35	0661460000	20	16 ... 50	10 ... 35	800 V	-	16	-

Disconnect Terminals

- PA = Polyamide Material



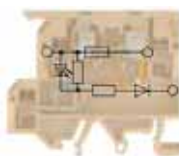
Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
SAKR for TS 35								
Beige	0172160000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211360000
Blue	0172180000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211380000
With STB (Test Point)								
Beige	0183360000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211360000
Blue	0183380000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211380000
SAKR for TS 32								
Beige	0412160000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211360000
Blue	0412180000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211380000
With STB (Test Point)								
Beige	0183360000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211360000
Blue	0183380000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	10 A	6.5	0211380000

Fuse Terminals

- With universal foot for TS 35 or TS 32 Din Rail
- PA Polyamide Material



ASK



DKDS



DKDS

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
ASK								
500 V AC/DC	0474560000	100	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 230 V AC	0225760000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 230 V DC	0225660000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 115 V AC	0225560000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 115 V DC	0225460000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 60 V DC	0226460000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 48 V AC	0225360000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 48 V DC	0225260000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 24 V AC	0222860000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
LED 24 V DC	0222760000	25	0.5 ... 4.0	0.5 ... 4.0	24...500 V	6.3 A	8	0380360000
DKDS								
LED 230 V AC	8148910000	25	0.5 ... 4.0	0.5 ... 4.0	24...230 V	6.3 A	8	9503340000
LED 115 V AC	8142840000	25	0.5 ... 4.0	0.5 ... 4.0	24...230 V	6.3 A	8	9503340000
LED 48 V AC	8148920000	25	0.5 ... 4.0	0.5 ... 4.0	24...230 V	6.3 A	8	9503340000
LED 24 V AC	8148930000	25	0.5 ... 4.0	0.5 ... 4.0	24...230 V	6.3 A	8	9503340000
LED + - 24 V DC	8146450000	25	0.5 ... 4.0	0.5 ... 4.0	24...230 V	6.3 A	8	9503340000

Fuse Inserts at A.40

* Qty. above is recommended pack sizes

** For more information in regards to End Plates and Partitions for SAK Series Terminals please refer to page 41 - Accessories at A.41 - A.45

A

Fuse Terminals With Two-Tiers

- Fits on TS 35
- PA Polyamide Material

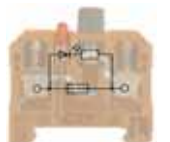


Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
KDKS 1	9503310000	50	0.5 ... 4.0	0.5 ... 4.0	500 V	6.3 A	8	9503330000
KDKS 1/PE (PA)	9528110000	50	0.5 ... 4.0	0.5 ... 4.0	500 V	6.3 A	8	9503330000
KDKS 1/PE (Wemid)	9532450000	50	0.5 ... 4.0	0.5 ... 4.0	500 V	6.3 A	8	9532470000

Fuse Inserts at P.40

Fuse Terminals With One-Tier

- Fits on TS 35
- KrG Melamine Material



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)	End Plates and Partitions **
SAKS								
500 V AC/DC	0501620000	20	0.5 ... 10	0.5 ... 10	-	10 A	13	0191320000
230 V DC - Neon Lamp	0199920000	10	0.5 ... 10	0.5 ... 10	-	10 A	13	0191320000
115 V DC - Neon Lamp	8068330000	10	0.5 ... 10	0.5 ... 10	-	10 A	13	0191320000
48 V AC LED	0214020000	10	0.5 ... 10	0.5 ... 10	-	10 A	13	0191320000
24 V AC LED	1111320000	10	0.5 ... 10	0.5 ... 10	-	10 A	13	0191320000
+ - 24 V DC LED	0225820000	10	0.5 ... 10	0.5 ... 10	-	10 A	13	0191320000
SAKS 1/35								
KrG : <i>Fuse 20 x 5 Non-Indicator</i>	0501620000	20	0.5 ... 10	0.5 ... 10	500 V	6.3 A	13	0191320000
SAKS 1/35/G25								
<i>Fuse 25 x 5 Indicator</i>	0501520000	20	0.5 ... 10	0.5 ... 10	500 V	6.3 A	13	0191320000
SAKS 3								
<i>Fuse 1 1/4" x 1/4" DEF 63</i>	0667520000	20	0.5 ... 10	0.5 ... 10	500 V	10 A	13	0191320000
<i>Fuse 5 x 30</i>	0328920000	20	0.5 ... 10	0.5 ... 10	500 V	10 A	13	0191320000

Fuse Inserts at P.40

Fuse Terminals

- Fits on TS 35
- KrG Melamine Material

Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)
 <p>SAKS 2 D Fuses E 16</p>	1368720000	20	0.5 ... 10	0.5 ... 10	500 V	10 A	28
 <p>SAKS 4 D 01 Fuses E 14</p>	0501820000	20	0.5 ... 10	0.5 ... 10	400 V	16 A	24
 <p>SAKS 5 D 02 Fuses E 18</p>	0502120000	20	1.5 ... 16	1.5 ... 16	400 V	63 A	28
 <p>KSKM 1 Fuses 5 x 2</p>	9509600000	20	-	0.5 ... 10	250 V	6.3 A	13
 <p>KSKM 2 Fuses 1" x 1/4"</p>	9509610000	20	-	0.5 ... 10	250 V	13 A	13
 <p>KSKM 3 Fuses 1 1/4" x 1/4"</p>	9509620000	20	-	0.5 ... 10	440 V	10 A	13

Fuse Inserts at P.40

Initiator and Actuator Terminals

- Fits on TS 35
- KrG Melamine Material



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)
DLD 2.5	1784180000	50	0.5 ... 4.0	0.5 ... 2.5	250 V	24 A	6
DLI 2.5	1783820000	100	0.5 ... 4.0	0.5 ... 2.5	250 V	24 A	6
MAK 2.5	1615270000	50	1.5 ... 4.0	0.5 ... 2.5	250 V	24 A	6
	1631650000	50	1.5 ... 4.0	0.5 ... 2.5	250 V	24 A	6
Plate Terminals:							
- For DLD 2.5	1784210000						
- For DLI 2.5	1783550000						
- For MAK 2.5	7917000000						



Terminal Strips

- Temperature range up to 130°C
- KrG Melamine Material



Type	Order No	Qty*	Solid Stranded mm ²	Flexible with Ferrule mm ²	Rated Voltage	Rated Current	Width (mm)
MK 3 ... 12							
MK 3/2 KrG	0273820000	100	0.5 ... 2.5	0.5 ... 1.5	400 V	24 A	15
MK 3/3 KrG	0273920000	50	0.5 ... 2.5	0.5 ... 1.5	400 V	24 A	15
MK 3/4 KrG	0274020000	50	0.5 ... 2.5	0.5 ... 1.5	400 V	24 A	15
MK 3/6 KrG	0274220000	50	0.5 ... 2.5	0.5 ... 1.5	400 V	24 A	15
MK 3/8 KrG	0274420000	25	0.5 ... 2.5	0.5 ... 1.5	400 V	24 A	15
MK 3/10 KrG	0274620000	20	0.5 ... 2.5	0.5 ... 1.5	400 V	24 A	15
MK 3/12 KrG	0243520000	20	0.5 ... 2.5	0.5 ... 1.5	400 V	24 A	15
BK 2 ... 12							
BK 2CRN	0624720000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	32 A	22
BK 3CRN	0624920000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	32 A	22
BK 4CRN	0625120000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	32 A	22
BK 6CRN	0625220000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	32 A	22
BK 12CRN	0625320000	100	0.5 ... 4.0	0.5 ... 4.0	400 V	32 A	22



End Plates and Partitions for SAK Terminals

- PA = Polyamide
- KrG= Melamine



Type		Width	Colour	Qty*	Order No KrG	Order No PA	For Terminals:
AP SAKD 2.5 N	End Plate	1.5mm	Beige	20		0150960000	SAK D 2.5/35
AP SAKD 2.5 N BL	End Plate	1.5mm	Blue	20		0150980000	
TW SAK D 2.5 N	Partition	1.5mm	Beige	20		0191860000	
TW SAK D 2.5 N BL	Partition	1.5mm	Blue	20		0191880000	
AP SAK 2.5	End Plate	1.5mm	Beige	20	0279520000	0460560000	SAK 2.5/35
AP SAK 2.5 BL	End Plate	1.5mm	Blue	20	0279570000	0460580000	
TW SAK 2.5	Partition	1.5mm	Beige	20	0302820000	0302860000	
TW SAK 2.5 BL	Partition	1.5mm	Blue	20	0302870000	0302880000	
AP SAK 4-10	End Plate	1.5mm	Beige	20	0117920000	0117960000	SAK 4/35;
AP SAK 4-10 BL	End Plate	1.5mm	Blue	20	0117970000	0117980000	SAK 6/35;
TW SAK 4-10	Partition	1.5mm	Beige	20	0130120000	0130160000	SAK 10/35
TW SAK 4-10 BL	Partition	1.5mm	Blue	20	0130170000	0130180000	
AP SAK 16	End Plate	1.5mm	Beige	20	0271120000	0271160000	SAK 16/35
AP SAK 16 BL	End Plate	1.5mm	Blue	20		0271180000	
TW SAK 16	Partition	1.5mm	Beige	10	0281120000	0303660000	
TW SAK 16 BL	Partition	1.5mm	Blue	10		0303680000	
AP SAK 35	End Plate	1.5mm	Beige	10	0303620000	0303660000	SAK 35/35;
AP SAK 35 BL	End Plate	1.5mm	Blue	10	0303670000	0303680000	SAK 35N/35
TW SAK 35	Partition	1.5mm	Beige	10	0304320000	0304360000	
AP SAK 70	End Plate	2mm	Beige	10		0340960000	SAK 70/35
AP SAK 95	End Plate	2mm	Beige	10	0550920000		SAK 95/35
AP SAK 95 BL	End Plate	2mm	Blue	10	0550970000		
AP DK 4	End Plate	1.5mm	Beige	20		0359260000	DK 4/35
AP DK 4 BL	End Plate	1.5mm	Blue	20		0359280000	
WTW EN	Partition	3mm	Beige	20		1058800000	
AP DK 4Q	End Plate	1.5mm	Beige	20		0397160000	DK 4 Q/35;
AP DK 4Q BL	End Plate	1.5mm	Blue	20		0397180000	DK 4 QV/35
WTW EN	Partition	3mm	Beige	20		1058800000	
AP SAK R	End Plate	1.5mm	Beige	20		0211360000	SAK R
AP SAK R BL	End Plate	1.5mm	Blue	20		0211380000	
AP SAK S 1+3 KRG	End Plate	3mm	Beige	20		0191320000	SAKS 1 (all); SAKS 3
AP ASK 1	End Plate	3mm	Beige	20		0211360000	SAKR
AP KDSKI	End Plate	3mm	Beige	20		9503340000	KDKS 1



Type	Order No	Qty*	Rated Voltage	Rated Current	Size (mm)	For Terminals	
G Fuse Inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820.T.2 BI 1) Breaking capacity 1500 A (at 250 V, 50Hz, cos = 0.7)							
(F) G 20/ 0.10 A/F	0430300000	10	250 V	0.10 A	5 x 20	SAKS 1, SAKS 7, ASK 1, WSI 6 KSK 1/35, KDKS 1/35	
(F) G 20/ 0.20 A/F	0430400000	10	250 V	0.20 A	5 x 20		
(F) G 20/ 0.25 A/F	0430500000	10	250 V	0.25 A	5 x 20		
(F) G 20/ 0.50 A/F	0430600000	10	250 V	0.50 A	5 x 20		
(F) G 20/ 0.63 A/F	0439000000	10	250 V	0.63 A	5 x 20		
(F) G 20/ 1.00 A/F	0430700000	10	250 V	1.00 A	5 x 20		
(F) G 20/ 1.60 A/F	0430800000	10	250 V	1.60 A	5 x 20		
(F) G 20/ 2.00 A/F	0430900000	10	250 V	2.00 A	5 x 20		
(F) G 20/ 2.50 A/F	0431000000	10	250 V	2.50 A	5 x 20		
(F) G 20/ 3.15 A/F	0431100000	10	250 V	3.15 A	5 x 20		
(F) G 20/ 4.00 A/F	0431200000	10	250 V	4.00 A	5 x 20		
(F) G 20/ 5.00 A/F	0431300000	10	250 V	5.00 A	5 x 20		
(F) G 20/ 6.30 A/F	0431400000	10	250 V	6.30 A	5 x 20		
G Fuse Inserts 5 x 25 with indicator acc. to DIN 41576 Breaking capacity 80 A (at 250 V, 50Hz, cos = 1)							
(M) G 25/ 0.25 A/M	0546900000	10	250 V	0.25 A	5 x 25	SAKS 1, SAKS 7, WSI 6	
(M) G 25/ 0.50 A/M	0510300000	10	250 V	0.50 A	5 x 25		
(M) G 25/ 0.80 A/M	0646400000	10	250 V	0.80 A	5 x 25		
(M) G 25/ 1.00 A/M	0265800000	10	250 V	1 A	5 x 25		
(M) G 25/ 10.0 A/M	0193100000	10	250 V	10 A	5 x 25		
(F) G 25/ 2.00 A/F	0192700000	10	250 V	2 A	5 x 25		
(F) G 25/ 4.00 A/F	0192800000	10	250 V	4 A	5 x 25		
(F) G 25/ 6.30 A/F	0192900000	10	250 V	6.30 A	5 x 25		
Fuse Inserts 1 1/4 x 1/4 without indicator acc. to BS 88 33 KA Breaking capacity 33 KA Fast							
GZ 0.5 A/F	0533800000	10	440 V	0.50 A	E 0.5 A		SAKS 3, SAKS 6
GZ 1.0 A/F	0525500000	10	440 V	1 A	E 1 A		
GZ 2.0 A	0294500000	10	440 V	2 A	E 2 A		
GZ 3.0 A	0295700000	10	440 V	3 A	E 3 A		
GZ 5.0 A	0294600000	10	440 V	5 A	E 5 A		
GZ 7.0 A	0295800000	10	440 V	7 A	E 7 A		
GZ 10.0 A	0293900000	10	440 V	10 A	E 10 A		
GZ 12.5 A FF	0245400000	10	440 V	12.5 A	E 12.5 A		
D Fuse Inserts E 16 with indicator acc. to DIN 49360* (Diazed)							
E 16/10 A RT	0208500000	25	500 V	10 A	E 10 A	SAKS 2	
E 16/16 A GR	0208600000	25	500 V	16 A	E 16 A		
E 16/20 A BL	0208700000	25	500 V	20 A	E 20 A		
E 16/25 A GE	0208800000	25	500 V	25 A	E 25 A		
D Fuse Inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (Neozed)							
E 14/2 A RS	0137400000	10	400 V	2 A	E 14/2	SAKS 4	
E 14/4 A BR	0137500000	10	400 V	4 A	E 14/4		
E 14/6 A GN	0328300000	10	400 V	4 A	E 14/6		
E 14/10 A RT	0328400000	10	400 V	10 A	E 14/10		
E 14/16 A GR	0328500000	10	400 V	16 A	E 14/16		
E 18/20 A BL	0361300000	10	400 V	20 A	E 18/20	SAKS 5	
E 18/20 A GE	0361400000	10	400 V	25 A	E 18/25		
E 18/35 A SW	0361500000	10	400 V	35 A	E 18/35		
E 18/50 A WS	0361600000	10	400 V	50 A	E 18/50		
E 18/63 A KU	0361700000	10	400 V	63 A	E 18/63		

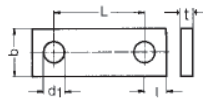
(F) = fast: (M) = medium-delayed action

Cross Connection

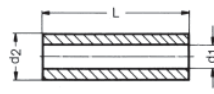
A



Complete captive screw sleeve bar



Current Bar QL



VH Distance Sleeve



Screw BS

Terminal	Current In	Type Poles	Order No. Complete Bar	Type Poles	Order No. QL	Current In	Distance Sleeve	Order No. Sleeve	Screw Type	Order No. Screw
SAK 2.5	24 A	Q 2	0337000000	QL 2	0155900000	32 A	VH 8	0266700000	B	0359000000
		Q 3	0337100000	QL 3	0156000000	32 A				
		Q 4	0337200000	QL 4	0156100000	32 A				
		Q 10	0368700000	QL 10	0338100000	32 A				
SAK 4	32 A	Q 2	0336700000	QL 2	0130600000	36 A	VH 13.5	0248500000	B	0303000000
		Q 3	0336800000	QL 3	0130700000	36 A				
		Q 4	0336900000	QL 4	0130800000	36 A				
		Q 10	0368800000	QL 10	0338200000	36 A				
SAK 6 N	41 A	Q 2	0456700000	QL 2	0194300000	41 A	VH 12	0249000000	B	0303000000
		Q 3	0456800000	QL 3	0194400000	41 A				
		Q 4	0456900000	QL 4	0194500000	41 A				
		Q 10	0457000000	QL 10	0338300000	41 A				
SAK 10	57 A	Q 2	0457100000	QL 2	0470300000	57 A	VH 12	0249000000	B	0303000000
		Q 3	0457200000	QL 3	0470400000	57 A				
		Q 4	0457300000	QL 4	0470500000	57 A				
		Q 10	0457400000	QL 10	0470600000	57 A				
SAK 16	76 A	Q 2	0457500000	QL 2	0470700000	76 A	VH 12	0249000000	B	0303000000
		Q 3	0457600000	QL 3	0470800000	76 A				
		Q 4	0457700000	QL 4	0470900000	76 A				
		Q 10	0457800000	QL 10	0471000000	76 A				
SAK 35 N	125 A			QL 2	0564900000	99 A	VH 17	0267000000	A	2671000000
				QL 3	0565000000	99 A				
				QL 4	0565100000	99 A				
				QL 10	0565200000	99 A				
SAK 35	125 A			QL 2	0123600000	99 A	VH 17	0267000000	A	2671000000
				QL 3	0123700000	99 A				
				QL 4	0123800000	99 A				
				QL 10	0338600000	99 A				
SAK 70	192 A			QL 2	0345300000	180 A	VH 30.5	0345500000	A	0345600000
SAK 95	232 A			QL 2	0551200000	180 A	VH 35	0551100000	B	0630200000
				QL 3	0407600000	180 A				
				QL 4	0407700000	180 A				
				QL 10		180 A				
SAKS 1	6.3 A			QL 2	0191400000	47 A			B	0346200000
SAKS 3	10 A			QL 3	0191500000	47 A				
SAKS 6	10 A			QL 4	0191600000	47 A				
SAKS 7	10 A			QL 10	0338800000	36 A				
SAKS 4	16 A			QL 2	0328000000	47 A			A	0199700000
				QL 3	0328100000	47 A				
				QL 4	0328200000	47 A				
				QL 10	0339000000	36 A				
SAKS 2	10 A			QL 2	0207800000	47 A		A	0103300000	
SAKS 5	63 A			QL 3	0207900000	47 A				
				QL 4	0208000000	47 A				
				QL 10	0338900000	36 A				
DK 4 Q	41 A	Q 2	0336400000	QL 2	0297200000	32 A	VH 5	0296800000	B	0400100000
DKB 4 Q/10	41 A	Q 3	0336500000	QL 3	0297300000	32 A				

* Qty. above is recommended pack sizes

Dekafix



Product	Order No	Qty*	Printing Details
Horizontal Line of Print, 5mm	0473460001 0473460051	10 CRD 10 CRD	1 - 50 Inclusive; 51-100 incl. through to 951 - 999
Vertical Line of Print, 5mm	0473560001 0473560051	10 CRD 10 CRD	1 - 50 Inclusive; 51-100 incl. through to 951 - 999

Terminal Markers For TS 35



Type	Order No	Qty*
Scht 5 - 44.5 (L) x 19.5 (W) mm + Label (Neutral) + Protection (Transparent)	0292460000	20
	1607710000	160 (Label / Sheet)
	0294000000	20
Scht 5 S - 44.5 (L) x 9.5 (W) mm + Label (Neutral) + Cover (Transparent)	1631930000	20
	1631920000	140 (Label / Sheet)
	1631940000	20
EM 8/30 + Label (Neutral) White Yellow + Label (Neutral) White Yellow	1806120000	50
	1607720000	240 Tags
	1634780000	240 Tags
	1670390000	10 (Sheet)
	1670400000	10 (Sheet)

End Brackets

▪ Spring Clamp



Type	Order No	Qty*
ZEW 35/6 (TS35)	9540000000	20
ZEW 35/2 (TS35)	8630740000	20
ZEW 15 (TS15)	7920340000	20

▪ Screw Clamp



Type	Order No	Qty*
WEW 35/1 (TS35)	1059000000	50
WEW 35/2 (TS35)	1061200000	50
EW 15 (TS15)	0382860000	50
EW 35	0383560000	50

DIN Rail



Type	Material	Thickness	Length	Qty*	Order No
TS 15 x 5 Slotted	Steel, White Passivated	1 mm	2 m	1	0117500000
TS 32 x 15	Steel, White Passivated	1.5 mm	2 m	1	0122800000
TS 32 x 15 with Slotted Hole	Steel, White Passivated	1.5 mm	2 m	1	0676100000
TS 35 x 7.5	Steel, White Passivated	1 mm	2 m	1	0383400000
TS 35 x 15 x 1.5	Steel, White Passivated	1.5 mm	2 m	1	0236400000
TS 35 x 7.5 with Slotted Hole	Steel, White Passivated	1 mm	2 m	1	0676200000
TS 35 x 15 with Slotted Hole	Steel, White Passivated	1 mm	2 m	1	0236500000

WAD Cover For W-Series



Type	Qty*	For Standard Terminals	For Compact Terminals	Order No
WAD 4 Yellow with warning flash White	50 50	WDU 1.5/ ZZ WDU 2.5 / 1.5 / ZR	WDU 2.5 N WDU 4 N WDK 2.5	1072000000 1072100000
WAD 5 Yellow with warning flash White	50 50	WDU 2.5 WDU 4		1053460000
WAD 8 Yellow with warning flash White	50 50	WDU 6 WDU 10		1053560000 1056160000
WAD 12 Yellow with warning flash White	50 50	WDU 16 WDU 35		1055960000 1056260000

* Qty. above is recommended pack sizes

A

QB Cross Connection Comb - Insulated

- QB cross connection combs for interconnection between terminals where standard Q and QL systems cannot be used.

Note: Their use will restrict the cable size used.



Type	Qty*	Order No	For use with Terminals
QB 2-2 WAY INSULATED QB 3-3 WAY INSULATED QB 4-4 WAY INSULATED QB 10 - 10 WAY INSULATED	1 1 1 1	0205700000 0205800000 0205900000 0343800000	For use with SAKT 1 and SAKT 2
QB 2-2 WAY INSULATED QB 3-3 WAY INSULATED QB 4-4 WAY INSULATED	1 1 1	0482700000 0482800000 0482900000	For use with Terminals 6 or 6.5mm Thick
QB 2-2 WAY INSULATED QB 3-3 WAY INSULATED QB 4-4 WAY INSULATED	1 1 1	0461100000 0461200000 0461300000	For use with Terminals 8mm Thick

QB Cross Connection Comb

- QB cross connection combs for interconnection between terminals where standard Q and QL systems cannot be used. The comb can be cut to suit application.

Note: Their use will restrict the cable size used.

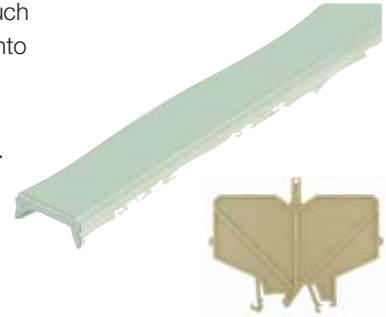
- Insulation strips are available to provide protection against accidental contact with live parts.



Type	Qty*	Order No	For use with Terminals
QB 75 STRAIGHT QB 75 ANGLED	1 1	0535200000 0526400000	Uninsulated Comb, 75-way; 6mm Pitch Uninsulated Comb, 75-way; 6mm Pitch
QB 58 STRAIGHT QB 58 ANGLED	1 1	0545400000 0545300000	Uninsulated Comb, 58-way; 8mm Pitch Uninsulated Comb, 58-way; 8mm Pitch
QB 25 PIN LENGTH 11mm QB 25 PIN LENGTH 15mm	1 1	0134000000 3827300000	Uninsulated Comb, 25-way; 6.5mm Pitch Uninsulated Comb, 25-way; 6.5mm Pitch
QB 58 INSULATION STRIP QB 75 INSULATION STRIP	1 1	0546000000 0526700000	Insulation Strip, 58-way; 8mm Pitch Insulation Strip, 75-way; 8mm Pitch

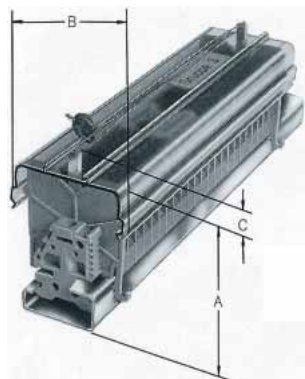
ADP Transparent Cover And HP Support Bracket

- ADP transparent covers ensure external accessories such as cross connections are touch proof and protect the assembly from oil splashes or water drips. The cover clips firmly into place over the end brackets HP. They are manufactured from hard PVC.
- HP support brackets are for use with ADP covers and made from a polyamide material. They are combi foot mounting for TS32 or TS35 din rail.



Type	Qty*	Order No	For Support Bracket	For Terminals
ADP 1 COVER 48(W) x 22(H) mm	1 M	0485200000	HP1	SAKD 2.5N, SAK 2.5/35, SAK 2.5, EKN 2.5
Accessories: HP1 Support Bracelet 41(W) x 54 (H) x 2(D) mm	1	0485560000		
ADP 2 COVER 61.5(W) x 30(H) mm	1 M	0485300000	HP2	WDU 2.5-10, WDK, SAK 4, SAK 4/35, SAK 6N, EK 4, EK 10/35, SAKR, SAKR-D, SAKC 4, RSF 1, RSF 3
Accessories: HP2 Support Bracelet 41(W) x 54 (H) x 2(D) mm	1	0485660000		
ADP 3 COVER (with HP3) 89(W) x 34.5(H) mm	1 M	0485400000	HP3	WDU 16-35, WPE 16-35, SAK 16, SAK 16/35, EK 16, EK 35, SAK 35N, SAK 35N/35, SAK 70, SAK H, SAK C 10, RSF 2, SAKS 2, SAKS 2/35, SAKS 4, SAKS 4/35, SAKS 5, SAKS 5/35
Accessories: HP3 Support Bracelet 41(W) x 54 (H) x 2(D) mm	1	0485760000		
ADP 3 COVER (with HP4) 89(W) x 34.5(H) mm	1 M	0485400000	HP4	ASK 1, AFT, KB 10/6, KB 10/10, SAKT 1, SAK T 1/35, SAK T 2/35, SAK A, SAK B, SAK S 1, SAK S 1/35, SAK S 3
Accessories: HP4 Support Bracelet 41(W) x 54 (H) x 2(D) mm	1	0485860000		

Example:



* Qty. above is recommended pack sizes

INTELLIGENT SOLUTIONS FOR TRIGGERED SPARK GAP PROTECTION

PU1 PLUGGABLE LIGHTNING ARRESTORS UP TO 100KA



**MORE INFORMATION
SEE SECTION C, PAGE 22**

Weidmüller's new PU1 + Triggered Spark gap Arrestors provide the highest protection possible from Weidmüller's vast range of lightning and surge protection devices. Designed to be used in areas of greatest threat of lightning, the PU1 TSG + range of arrestors are suitable for Class 1 - IEC (Equivalent to AS/NZS Cat C3) applications.

- Pluggable Arrestors allow easy replacement without effecting the wiring
- Protection up to 100kA 10/350us for lightning protection
- 1500V protection level for added safety
- Suitable for series or shunt connection.

www.weidmuller.com.au

Weidmüller 

RockStar® IMC INSERTS



▪ INSERTS - HE Series, 6 to 48 Poles	B.4
▪ INSERTS - HA Series, 3 to 32 Poles	B.5
▪ INSERTS - HSB Series, 6 to 12 Poles	B.5

RockStar® IMC IP65 HOUSINGS



▪ HOODS - SIDE Cable Entry	B.6
▪ HOODS - TOP Cable Entry	B.6
▪ HOODS - COUPLING Hoods	B.6
▪ BASES - BULKHEAD Housing	B.7
▪ BASES - BASE Housing	B.7

RockStar® IMC CABLE GLANDS and ACCESSORIES



▪ Cable Glands	B.8
▪ Accessories	B.8

CABTITE Cable Entry System



▪ Cable Grommets	B.9-B.10
▪ Cable Entry Frames	B.11-B.12
▪ Cable Clamping Rail	B.13
▪ Separable Cable Glands	B.14

NEW RockStar® Industrial Multipole Connectors

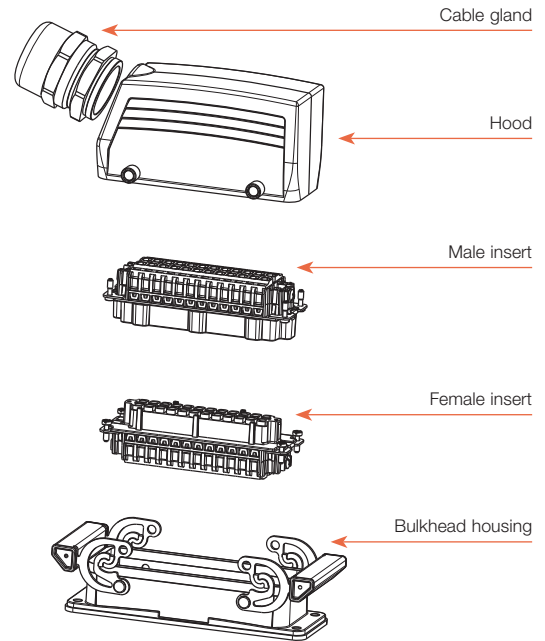
- **QUICK SELECTION GUIDE** - The new and easy way to configure a complete connector
- **COMPLETE NEW RANGE** - New generation Rockstar will impress
- **EXTRA BECOMES STANDARD** - Superior in design and every detail!
- **FAST DELIVERY GUARANTEED** - All Rockstar IMC items in this catalogue are stocked right here in Australia and New Zealand
- **WORLD 1st** - Choice of PUSH IN connection technology (Screw, tension clamp and crimp pin also avail.)
- **UNRIVALED SUPPORT** - 2D or 3D drawings available in many formats



RockStar® Industrial Multipole Connectors

- **Fast delivery times** with all items in this Power Mainline Products Catalogue stocked right here in Australia*
- **Free choice** with one of the largest ranges of Industrial Multipole Connectors on the market (contact Weidmüller for a full catalogue)
- **Stainless steel locking system as standard** on all housings ensures long life and resistance to corrosion and impact
- **Integrated cable thread in all housings** allows you to use either a Weidmüller or your own standard cable gland
- **Special die-cast alloy and multi-surface sealing** makes Rockstar housings corrosion proof to the toughest of conditions
- World 1st with choice of **PUSH IN connection technology**
- Only one type of plastic material **free from any harmful substances** is used in the entire Rockstar range
- All our housings guarantee the best possible sealing to **high IP65 ingress protection**. IP69K rating also available (please ask)

*Note: Although we stock all items in this catalogue for fast delivery, we may on the rare occasion experience a short delay if unusually high demand occurs on a particular item.



Selecting an Industrial Multipole Connector

1 Page 3 - The Quick Selection Guide

2 Pages 4 to 5 - Select a matching FEMALE and MALE INSERT based on the number of poles and voltage/current you require. NOTE: Check the size of the insert (i.e. 1, 2, 3 ... etc).



3 Page 6 - Select either a SIDE, or TOP CABLE ENTRY HOOD to match the size of the inserts. NOTE: You also have the option of either 1 end lock or 2 side locks.

Note: Coupling Hoods are also available as an accessory on this page



4 Page 7 - Select either a BULKHEAD or BASE HOUSING again to match the size of the inserts.

Note: You must select the same number of locks as the hood.



5 Page 8 - Select CABLE GLANDS or BLANKING PLUGS to match the entry sizes and number of entries in the housings.



Sizing Allocations

Housings	Inserts
Size 1	HA 3, HA 4
Size 2	HA 10
Size 3	HE 6
Size 4	HE 10
Size 5	HA 16
Size 6	HE 16, HSB 6
Size 7	HA 32
Size 8	HE 24
Size 9	HA 48
Size 10	HE 32, HSB 12
Size 12	HA 48

Customer Assembly

Weidmüller Australia can also supply Industrial Multipole Connectors prefabricated to your custom specifications. This includes loose prewired cable assemblies or even mounted in the side of a junction box. Ask us for more information.



Quick Selection Guide

The Quick Selection Guide will assist you to configure a complete connector. Consisting of a male insert, female insert, hood, bulkhead housing and cable gland, this page will allow you to save time.

HA 3 3-pole, 250 V, 10 A, size 1

	Female insert	Male insert	Hood	IP68 Cable glands	Bulkhead housing
M20	 1498200000	 1498100000	 1788820000	 1772220000	 1497600000

HA 4 4-pole, 250 V, 10 A, size 1

	Female insert	Male insert	Hood	IP68 Cable glands	Bulkhead housing
Metal Housing	 1498300000	 1498300000	 1788820000	 1772220000	 1497600000

HE 6 6-pole, 500 V, 16 A, size 3

	Male insert	Bulkhead housing	IP68 Cable glands	Hood-Cable Entry: Top	Hood-Cable Entry: Side
Metal Housing	 1200000000	 1202100000	 1772220000	 1788120000	 1788100000

HE 10 10-pole, 500 V, 16 A, size 4

	Female insert	Male insert	Bulkhead housing	IP68 Cable glands	Hood-Cable Entry: Top	Hood-Cable Entry: Sideways
Metal Housing	 1204100000	 1203900000	 1205000000	 1772220000	 1787600000	 1787560000

HE 16 16-pole, 500 V, 16 A, size 6

	Female insert	Male insert	Bulkhead housing	IP68 Cable glands	Hood-Cable Entry: Top	Hood-Cable Entry: Sideways
Metal Housing	 1207700000	 1207500000	 1208600000	 1909920000	 1788210000	 1788180000

HE 24

	Female insert	Male insert	Bulkhead housing	IP68 Cable glands	Hood-Cable Entry: Top	Hood-Cable Entry: Sideways
Metal Housing	 1211300000	 1211000000	 1212400000	 1909930000	 1786830000	 1786770000

B

HE Series	HE-Size 3	HE-Size 4	HE-Size 6	HE-Size 8
No. of Poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	Screw	Screw	Screw	Screw



Rated Current	24 A	16 A	16 A	16 A
Rated Voltage	500 V	500 V	500 V	500 V
Nominal Voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping Range	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²
Order No (Female)	1200200000	1204100000	1207700000	1211300000
Order No (Male)	1200000000	1203900000	1207500000	1211100000

HE Series	HE-Size 3	HE-Size 4	HE-Size 6	HE-Size 8
No. of Poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	Push In	Push In	Push In	Push In



Rated Current	24 A	16 A	16 A	16 A
Rated Voltage	500 V	500 V	500 V	500 V
Nominal Voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping Range	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²
Order No (Female)	1873520000	1873540000	1873560000	1873580000
Order No (Male)	1873530000	1873550000	1873570000	1873590000

HE Series	HE-Size 10	HE-Size 12
No. of Poles	32 + ⊕	48 + ⊕
Connection	Screw	Screw




Rated Current	16 A	16 A
Rated Voltage	500 V	500 V
Nominal Voltage to UL/CSA	600 V	600 V
Clamping Range	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²
Order No (Female)	1207700000 (1-16)	1211300000 (1-24)
Order No (Male)	1207500000 (1-16)	1211100000 (1-24)
Order No (Female)	1216100000 (17-32)	1221200000 (25-48)
Order No (Male)	1215700000 (17-32)	1220800000 (25-48)


HE Series	HE-Size 10	HE-Size 12
No. of Poles	32 + ⊕	48 + ⊕
Connection	Push In	Push In




Rated Current	16 A	16 A
Rated Voltage	500 V	500 V
Nominal Voltage to UL/CSA	600 V	600 V
Clamping Range	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²
Order No (Female)	1873560000 (1-16)	1873580000 (1-24)
Order No (Male)	1873570000 (1-16)	1873590000 (1-24)
Order No (Female)	1875740000 (17-32)	1875850000 (25-48)
Order No (Male)	1875800000 (17-32)	1875890000 (25-48)

HA Series	HA-Size 1	HA-Size 1
No. of Poles	3 + ⊕	4 + ⊕
Connection	Screw	Screw
		
Rated Current	22 A	22 A
Rated Voltage	250 V	250 V
Nominal Voltage to UL/CSA	600 V	600 V
Clamping Range	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²
Order No (Female)	1498200000	1498400000
Order No (Male)	1498100000	1498300000

B

HA Series	HA-Size 2	HA-Size 5	HA-Size 7
No. of Poles	10 + ⊕	16 + ⊕	32 + ⊕
Connection	Screw	Screw	Screw
			
Rated Current	22 A	22 A	16 A
Rated Voltage	250 V	250 V	250 V
Nominal Voltage to UL/CSA	600 V	600 V	600 V
Clamping Range	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²	0.5 – 2.5 mm ²
Order No (Female)	1650620000	1650780000	1650780000
Order No (Male)	1650610000	1650770000	1650770000
Order No (Female, 17-32)			1650900000
Order No (Male, 17-32)			1650880000

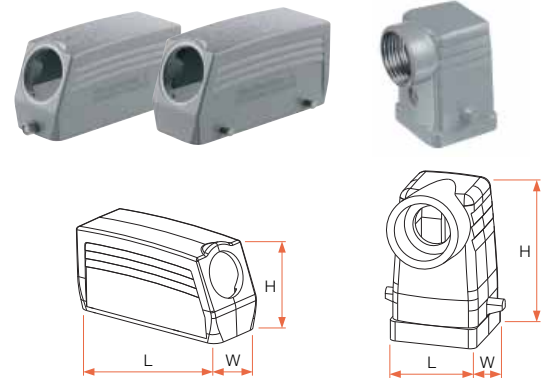
HSB Series	HSB-Size 6	HSB-Size 10
No. of Poles	6 + ⊕	12 + ⊕
Connection	Screw	Screw
		
Rated Current	35 A	35 A
Rated Voltage	400 V	400 V
Nominal Voltage to UL/CSA	600 V	600 V
Clamping Range *	0.5 – 6.0 mm ²	0.5 – 6.0 mm ²
Order No (Female)	1498900000	1498900000
Order No (Male)	1498700000	1498700000
Order No (Female, 17-32)		1499000000
Order No (Male, 17-32)		1498800000

*max. with wire end ferrule 4mm²

Housing hoods (metric) - SIDE CABLE ENTRY

Standard IP65 Housing - All Dimensions are in mm. M = Cable Entry

Size	L	W	H	M	Order No. (1 Lock)	Order No. (2 Locks)
1	26.7	26.7	49.2	20	1788810000	
2	63	29.5	68	20	1788860000	
3	60	43	52	20	1788100000	
	60	43	52	25	1788090000	
4	73	43	52	20	1787580000	1787560000
	73	43	52	25	1787580000	1787550000
5	79	29.5	58	25	1788740000	
6	93.3	43	61	25	1788200000	1788180000
7	82	56	75	25		1787960000
	82	56	75	32		1787950000
8	120	43	61	25	1787800000	1787760000
	120	43	76	32	1786810000	1786770000
10	94	83	79	32	1788420000	1788400000
12	132	90	94	40	1788310000	

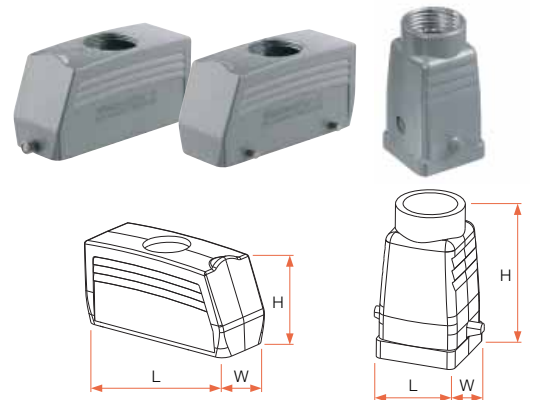


Note: Hoods come with sealing washer pre-fitted in the gland entries

Housing hoods (metric) - TOP CABLE ENTRY

Standard IP65 Housing - All Dimensions are in mm. M = Cable Entry

Size	L	W	H	M	Order No. (1 Lock)	Order No. (2 Locks)
1	26.7	26.7	50	20	1788820000	
2	63	29.5	54	20	1788620000	
	63	29.5	54	25	1788610000	
3	60	43	52	20	1788120000	
	60	43	52	25	1788110000	
4	73	43	52	20	1787620000	1787600000
	73	43	52	25	1787620000	
5	79	29.5	58	25	1788750000	
6	93.3	43	61	25	1788230000	1788210000
7	82	56	75	32		1787990000
8	120	43	61	25	1787860000	1787820000
	120	43	76	32	1786860000	1786830000
10	95	83	79	32	1788450000	1788430000
12	132	90	94	50	1788330000	



Note: Hoods come with sealing washer pre-fitted in the gland entries

Optional Accessories: Coupling Hoods (metric)

Standard IP65 Housing . M = Cable Entry

Size	M	Order No. (1 Lock)	Order No. (2 Locks)
1	20	1788840000	
2	25	1788670000	
4	20	1787740000 1787730000	1787720000
	20		
	25		
5	25	1788800000	
6	25	1787220000	1787200000 1787190000
	32		
	25		
7	25	1788080000 1788070000	
	32		
8	25	1787920000 1786960000	
	32		



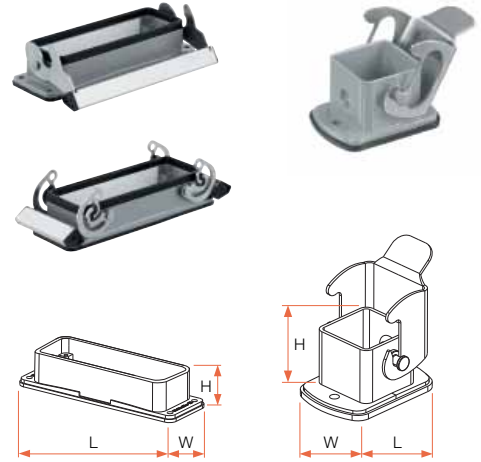
Note: Hoods come with sealing washer pre-fitted in the gland entries

Housing hoods (metric) - BULKHEAD HOUSING

Key: ² indicates with an integral cover

Standard IP65 Housing - All Dimensions are in mm.

Size	L	W	H	Order No. (1 Lock)	Order No. (2 Locks)
1	28	30	23	1497600000	
2	84	32	25	1664040000	
	84	32	37.5	1664060000 ²	
3	82	47	29	1202100000	
	82	47	47	1202500000 ²	
4	95	47	29.3	1206100000	1205000000
	95	47	47	1206500000 ²	
5	98	33	25	1664920000	
	98	33	44.5	1664940000 ²	
6	115	47	29	1209700000	1208600000
	115	47	47	1210100000 ²	
7	102	60.5	25		1665860000
8	143	47	29.3	1213900000	1212400000
	143	47	47	1214300000 ²	
10	127	89	38	1219500000	1217800000
	127	89	55	1219800000 ²	
12	168	97	62	1222900000 ²	



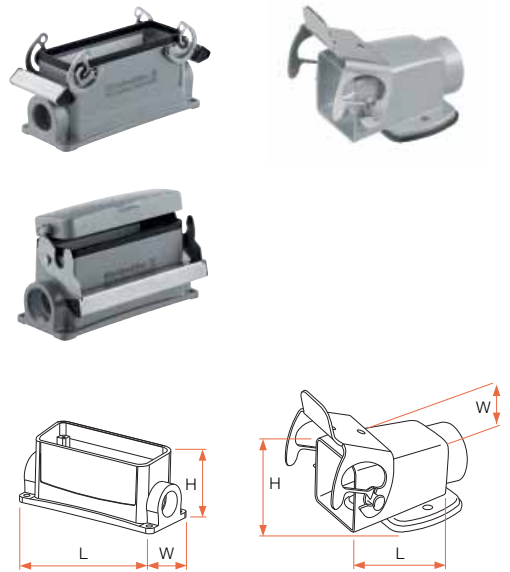
B

Housing hoods (metric) - BASE HOUSING with 1 or 2 Entries

Key: ² indicates with an integral cover
Note: Only half glands required with base entries

Standard IP65 Housing - All Dimensions are in mm. M = 1 or 2 Cable Entries

Size	L	W	H	M	Order No. (1 Lock)	Order No. (2 Locks)
1	41.5	30	26.8	1 x M20	1788830000	
2	80	50	57	1 x M20	1901100000	
	80	50	69.5	1 x M20	1901010000 ²	
	80	50	57	1 x M25	1901160000	
	80	50	69.5	1 x M25	1901040000 ²	
	80	50	57	2 x M20	1788640000	
	80	50	69.5	2 x M20	1788660000 ²	
	80	50	57	2 x M25	1788630000	
	80	50	69.5	2 x M25	1788650000 ²	
3	82	54.5	54	1 x M20	1900460000	
	82	54.5	72	1 x M20	1900360000 ²	
	82	54.5	54	1 x M25	1900480000	
	82	54.5	72	1 x M25	1900380000 ²	
	82	54.5	54	2 x M20	1788140000	
	82	54.5	72	2 x M20	1788170000 ²	
	82	54.5	54	2 x M25	1788130000	
	82	54.5	72	2 x M25	1788160000 ²	
4	92.5	53.5	57	1 x M20	1901620000	1901360000
	92.5	53.5	79.5	1 x M20	1901570000 ²	
	92.5	53.5	57	1 x M25	1901640000	1901370000
	92.5	53.5	57	2 x M20	1787660000	1787640000
	92.5	53.5	79.5	2 x M20	1787700000 ²	
	92.5	53.5	57	2 x M25	1787650000	1787630000
5	96	50	57	2 x M20	1788770000	
	96	50	76.5	2 x M20	1788790000 ²	
	96	50	57	2 x M25	1788760000	
	96	50	76.5	2 x M25	1788780000 ²	
6	117	56.5	64	1 x M25	1900170000	1899980000
	117	56.5	64	2 x M25	1788250000	1788240000
	117	56.5	82	2 x M25	1788270000 ²	
7	106	64.5	75	1 x M25		1903870000
	106	64.5	75	2 x M25		1788040000
8	144	57.5	64	1 x M25	1901560000	1901150000
	144	57.5	86	1 x M25	1901480000 ²	
	144	57.5	64	2 x M25	1787880000	1787870000
	144	57.5	86	2 x M25	1787900000 ²	
10	126	92.5	79	1 x M32	1902670000	1902600000
	126	92.5	96	1 x M32	1902650000 ²	
	126	92.5	79	2 x M32	1788470000	1788460000
	126	92.5	96	2 x M32	1788490000 ²	
12	138	120	100	1 x M32	1904190000	
	138	120	120	1 x M32	1904150000 ²	
	138	120	100	2 x M40	1788360000	



Cable Glands and Accessories

Plastic Polyamide - IP67	Brass Nickel Plated - IP54/ IP65	Brass Nickel Plated - IP68
IP67 as Standard with Integral moulded sealing lip	IP54 as Standard IP65 with sealing washer added	IP68 as Standard with Included O-Ring



Thread	Order No.	Clamping Range	Thread	Order No.	Clamping Range	Thread	Order No.	Clamping Range
M 20	1909690000	6 - 12 mm ø	M 20	1778380000	8 - 10 mm ø	M 20	1772220000	6 - 12 mm ø
M 20	1909700000	10 - 14 mm ø	M 20	1778370000	10 - 12 mm ø	M 25	1909920000	11 - 17 mm ø
M 25	1909710000	13 - 18 mm ø	M 25	1778360000	12 - 14 mm ø	M 32	1909930000	15 - 21 mm ø
M 32	1909720000	18 - 25 mm ø	M 25	1778350000	15 - 17 mm ø	M 40	1909940000	19 - 28 mm ø
M 40	1909730000	22 - 32 mm ø	M 32	1778340000	24 - 26 mm ø	M 50	1909950000	27 - 38 mm ø
M 50	1909740000	30 - 38 mm ø	M 40	1778330000	28 - 30 mm ø			
			M 50	1778310000	39 - 41 mm ø			

Half Glands - IP65	Bellmouth Brass Nickel Plated - IP54
For use with Base Housings Only Brass Nickel Plated	IP54 as Standard Bending Protection and Strain Relief



Thread	Order No.	Clamping Range	Thread	Order No.	Flared Entry Clamping Range	Strained Relief Clamping Range
M 20	1921720000	7 - 13 mm ø	M 20	1005210000	6.5 - 12.5 mm ø	8 - 12 mm ø
M 25	1921740000	11.5 - 18 mm ø	M 20	1004370000	6.5 - 12.5 mm ø	9 - 14 mm ø
M 32	1921760000	19 - 25 mm ø	M 20	1005220000	6.5 - 15 mm ø	10 - 15 mm ø
M 40	1921770000	26 - 32 mm ø	M 25	1005230000	9 - 19 mm ø	14 - 20 mm ø
			M 32	1005240000	17 - 27 mm ø	18 - 27 mm ø

Sealing Washer	Blanking Plug - Plastic	Blanking Plug - Brass
Polyethylene material for use with cable glands and plugs.	Plastic Polyamide. IP54 as standard. IP66 with sealing washer added	Brass Nickel Plated. IP68 with sealing washer added.



Thread	Order No.	Thread	Order No.	Thread	Order No.
M 20	1777940000	M 20	1776910000	M 20	1777740000
M 25	1777950000	M 25	1776900000	M 25	1777750000
M 32	1777960000	M 32	1776940000	M 32	1777760000
M 40	1777970000	M 40	1776950000	M 40	1777770000
M 50	1777980000	M 50	1776960000	M 50	1777780000

Do you really need a plug-in connector on the outside of your switchgear cabinet?
 Or do you simply just want to make the right connections?
 Now you can save space, time and money with Cabtite.
 Cabtite makes it possible for you to insert your pre-assembled connectors through the cabinet wall and, at the same time, achieve a minimum protection classification of IP54. The manufacturer's guarantee remains valid because the cable does not have to be cut. The individual elements of the system result in countless combination options because the same sealing grommets are utilised for the entry frames and the cable glands. In particular, when used for measurement circuits, servo cables, computer cables or fieldbus systems, Cabtite is suitable for use in the following applications:

- Control engineering
- Switchgear cabinet manufacture
- Motor vehicle manufacture
- Systems engineering
- Mechanical engineering
- Electrical installation

Cabtite sample set

Get a feel for the Cabtite system with our Cabtite sample set. It contains cable entry frames, snap frames, separable cable glands as well as diverse cable grommets.

Ordering data

Type	Qty	Order No.
Cabtite Sample Kit	1	1849780000

Cabtite KEL SNAP frame



Separable cable gland Cabtite KVT



HDC KT

Cable Grommets, Small



Cable Grommets for ASI cables

B

Technical Data

Material, Grey	Free from Elastomers, Halogens and Silicone
Material, Black	Elastomers with very high chemical resistance
Temperature Range	-20 °C ... 80 °C
UL 94 Flammability Rating	V0

Ordering Data

Type	Clamping Range (mm)	Qty	Order No. (Grey)	Order No. (Black)
IMC KT 3	3 - 4	10	1826460000	1827790000
IMC KT 4	4 - 5	10	1826470000	1827800000
IMC KT 5	5 - 6	10	1826480000	1827810000
IMC KT 6	6 - 7	10	1826490000	1827830000
IMC KT 7	7 - 8	10	1826500000	1827840000
IMC KT 8	8 - 9	10	1826510000	1827850000
IMC KT 9	9 - 10	10	1826520000	1827860000
IMC KT 10	10 - 11	10	1826530000	1827870000
IMC KT 11	11 - 12	10	1826540000	1827880000
IMC KT 12	12 - 13	10	1826550000	1827890000
IMC KT 13	13 - 14	10	1826560000	1827900000
IMC KT 14	14 - 15	10	1826570000	1827910000
IMC KT 15	15 - 16	10	1826580000	1827920000
IMC KTS 16	16 - 17	10	1826590000	1827930000
IMC KTS 17	17 - 18	10	1826600000	1827940000
For ASI Cables				
IMC KT - ASI		10	1826610000	1828120000
2 or 4 Openings				
IMC KT 2/4	2 x 4	10	1826620000	1828130000
IMC KT 2/5	2 x 5	10	1826630000	1828140000
IMC KT 2/6	2 x 6	10	1826640000	1828150000
IMC KT 4/5	4 x 5	10	1826650000	1828160000
Blanking Plugs, Small				
IMC BTK		10	1828170000	1828200000

HDC KT

Cable Grommets, Large



Blanking Plugs

Adapter Grommet

Technical Data

Material, Grey	Free from Elastomers, Halogens and Silicone
Material, Black	Elastomers with very high chemical resistance
Temperature Range	-20 °C ... 80 °C
UL 94 Flammability Rating	V0

Ordering Data

Type	Clamping Range (mm)	Qty	Order No. (Grey)	Order No. (Black)
IMC KT 16	16 - 17	10	1825950000	1827950000
IMC KT 17	17 - 18	10	1826300000	1827960000
IMC KT 18	18 - 19	10	1826310000	1827970000
IMC KT 19	19 - 20	10	1826320000	1827980000
IMC KT 20	20 - 21	10	1826330000	1827990000
IMC KT 21	21 - 22	10	1826340000	1828000000
IMC KT 22	22 - 23	10	1826350000	1828010000
IMC KT 23	23 - 24	10	1826360000	1828020000
IMC KT 24	24 - 25	10	1826370000	1828030000
IMC KT 25	25 - 26	10	1826380000	1828040000
IMC KT 26	26 - 27	10	1826390000	1828050000
IMC KT 27	27 - 28	10	1826400000	1828060000
IMC KT 28	28 - 29	10	1826410000	1828070000
IMC KTS 29	29 - 30	10	1826420000	1828080000
IMC KTS 30	30 - 31	10	1826430000	1828090000
IMC KTS 32	32 - 33	10	1826440000	1828100000
IMC KTS 34	33 - 34	10	1826450000	1828110000
Adapter Grommet, Large (For Small Cable Grommets)				
IMC ATG		10	1828190000	1828220000
Blanking Plugs, Large				
IMC BTG		10	1828180000	1828210000

Cabtite KEL

The rectangular panel cutout frames fit exactly into the standard cutout for heavy-duty connectors. This makes it possible to accommodate up to 40 connectors in a very confined space.

- Feeds through prefabricated wiring in confined spaces.
- Two-piece, two-tier system
- Fast and easy mounting
- Standard panel cutout frames for 16 and 24-pole industrial plug-in connectors
- The predefined gap achieves a minimum class of protection of IP54
- Large numbers of cables in very confined spaces
- Retrofitting of prefabricated wiring also possible
- The manufacturer's guarantee covering the prefabricated cables remains valid
- Integral strain relief to VDE 0619
- Locknuts ensure that working "overhead" is safe and simple

Cabtite KEL SNAP Frame

Snap frame for mounting the cable entry frame in the switchgear cabinet.

- The KEL can be fitted quickly without tools
- The KEL need not be fitted or removed to add or remove individual cables
- The drilling pattern is identical with that of the KEL
- Seals are already integrated on both sides
- Switchgear cabinets can be fitted with KEL SNAP in advance
- KEL SNAP is available for KEL 16 and KEL 24

B

Operating Mode

1. The grommet is fitted around the cable.

Important:

Choose a grommet with an appropriate clamping range for the diameter of the cable!



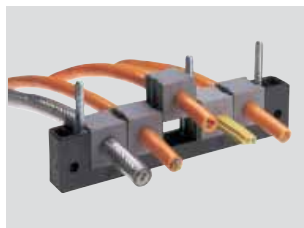
3. Assemble the two halves of the cable entry frame using the M5x50 Allen screws supplied. This achieves integral strain relief in accordance with VDE 0619 (VDE = German Association for Electrical, Electronic and Information Technologies).



2. Press the grommet with the cable into the open cable entry frame.

Important:

The flat side of the grommet must face upwards!



4. Finally, the rubber seal is glued around the cabinet panel cutout and the cable entry frame is secured with 4 screws. The cable entry is now complete, and has a protection class of IP54!



Advantage: The panel cutout frames are the same as those used for heavy-duty Connectors. They are supplied by the switch-gear cabinet manufacturers. You do not require a new punching die!

IMC KEL 16

Size equivalent to 16-pole HE inserts

KEL 16/8 with 8 small grommets



KEL 16/4 closed half-shell and 4 small grommets



Snap frame
KEL 16 SNAP



IMC KEL 24

Size equivalent to 24-pole HE inserts

KEL 24/10 with 10 small grommets



KEL 24/7 with 1 large and 6 small grommets



Snap frame
KEL 24 SNAP



B

Technical Data

Material

Colour

Temperature Range

Class Protection

UL 94 Flammability Rating

Technical Data

Material Polyamide, Free from Halogens and Silicone

Colour Black

Temperature Range -20 °C ... 80 °C

Class Protection IP54, When the correct cable grommet is selected

UL 94 Flammability Rating V0

Ordering Data

Type	No. of Grommet Positions:		Qty	Order No.
	Small	Large		
IMC KEL 16/2	-	2	10	1825860000
IMC KEL 16/4	4	- *)	10	1825900000
IMC KEL 16/5	4	1	10	1849770000
IMC KEL 16/8	8	-	10	1825910000
Snap Frame				
IMC KEL 16 SNAP			10	1827770000

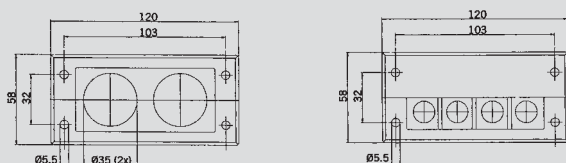
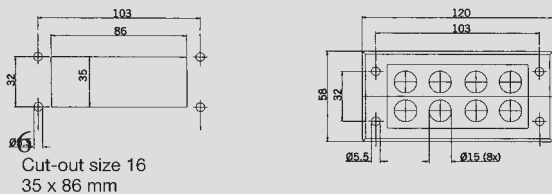
Note: *) with closed half shell

Ordering Data

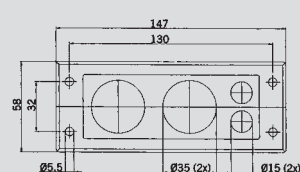
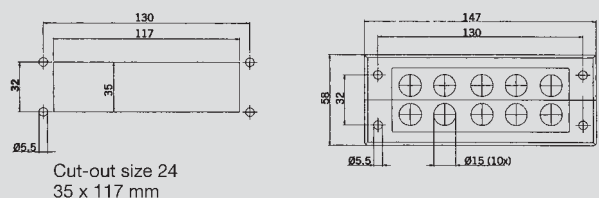
Type	No. of Grommet Positions:		Qty	Order No.
	Small	Large		
IMC KEL 24/4	2	2	10	1825930000
IMC KEL 24/5	5	- *)	10	1825940000
IMC KEL 24/7	6	1	10	1849760000
IMC KEL 24/10	10	-	10	1827760000
Snap Frame				
IMC KEL 24 SNAP			10	1827780000

Note: *) with closed half shell

Dimensions



Dimensions



Cable Clamping Rail Cabtite KEL-EMV

Feeds through prefabricated cables without interrupting the shielding

Advantages:

- Direct, simple and quick contact with the enclosure
- Two-tier version saves space with up to 10 cables
- Strain relief without cable ties in accordance with VDE 0619
- No EMC cable glands necessary for mains-generated interference sources
- Low-impedance shielding contact
- Seals using outer sheath and not the shield = higher class of protection!
- Trouble-free retrofitting



B

Technical Data

Material	Stainless Steel
-----------------	-----------------

Ordering Data

Type	For	Qty	Order No.
IMC KEL EMV 16/4	KEL 16	10	1825750000
IMC KEL EMV 24/5	KEL 24	10	1825760000
IMC KEL EMV x/3	KEL 16 and KEL Transverse	10	1825770000

Cabtite KVT

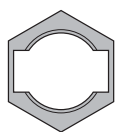
KVT's are used to feed through prefabricated cables when space is tight or only a few cables are required. As is the case with its big brother, the KEL, this product is also a two-piece system for easy assembly using the same cable grommets. The preassembled KVT32 can be used for hole diameters up to 35 mm, the KVT63 for hole diameters up to 65 mm. A sealing ring is also included.

B

- This two-piece system means that the size of the plug-in connector to be fed through is limited only by the size of the hole diameter.
- Two-piece two-tier system
- Fast and easy mounting
- The predefined gap achieves a minimum class of protection of IP54
- Large numbers of cables in very confined spaces
- Retrofitting of prefabricated wiring also possible
- The manufacturer's guarantee covering the prefabricated cables remains valid
- Integral strain relief to VDE 0619



KEL 32



Locknut for D-Sub 9
KGM-SUB-D9



KEL 63-1

Operating Mode

1. The grommet is fitted around the cable.

Important:

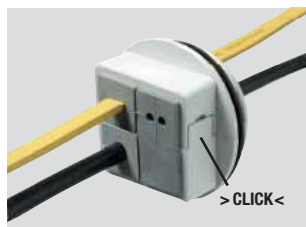
Choose an appropriately sized grommet for the diameter of the cable!



2. Press the grommet with the cable into the open cable gland. The flat sides of the grommet must face upwards when fitting the KVT 63/4!



3. Squeeze the two halves of the cable gland together until they lock together with an audible "click".



4. Place the seal, which is also supplied, over the thread. Then fit the cable gland into the hole and, if necessary, secure it with a locknut.



Technical Data

Material	Polyamide, Free from Halogens and Silicone
Class Protection	IP54, When the correct cable grommet is selected
Temperature Range	-5 °C ... 70 °C
UL 94 Flammability Rating	V0

Ordering Data

Type	Thread	For Grommet:		Qty	Order No. (White)	Order No. (Black)
		Small	Large			
IMC KVT 25	M 25 x 1.5	1	-	10	1826660000	1828260000
IMC KVT 32	M 32 x 1.5	1	-	10	1826670000	1828270000
IMC KVT 63-4	M 63 x 1.5	4	-	5	1828230000	1828280000
IMC KVT 63-1	M 63 x 1.5	-	1	5	1828240000	1828290000

Note: IMC KCT 63 -x Types are supplied with a locknut

Locknut for D-Sub 9						
KGM-SUB-D9	M 32 x 1.5			10	1828250000	1828300000

Relays



▪ MICROSERIES - MRS/MRZ	C.2
▪ MiniConditioner - MCZ R 1CO	C.2
▪ DRM Multi-Pole Relays	C.3
▪ RIDERSERIES industrial relays	C.4 - C.6
▪ RS30 Relays	C.7
▪ ECO 30 low cost relays	C.7
▪ MC5R single channel relays	C.7

Optocouplers



▪ TERMOPTO and MICROPTO optocouplers	C.8
▪ MICRO Interface Digital, MICROSERIES: MOS/MOZ	C.9
▪ RS01 optocoupler	C.9
▪ MC50 solenoid driver	C.10
▪ WAVESERIES - WOS	C.10

Current Monitoring



▪ Current monitoring - RSACM	C.11
------------------------------	------

Signal Isolators - DeciPak Range



▪ 4-wire isolators	C.12
▪ Input loop powered	C.12
▪ Field calibrator	C.12
▪ 2-wire isolators	C.13

DC Switchmode Power Supplies



▪ connectPower 1- & 3-phase: ECOLINE 72-960W	C.14
▪ connectPower 1-phase: INSTAPOWERS 25-48W	C.15
▪ connectPower 1-phase: INSTAPOWERS 24W	C.15
▪ connectPower 1-phase: WAVEPOWER 12W	C.16
▪ Pro M Power Supplies	C.16
▪ connectPower 1-phase: 55-300W	C.17
▪ Easyline Chassis Mount Power Supplies	C.17
▪ WAVEGUARD electronic fusing	C.18
▪ WAVEFILTER line filter	C.18

Surge Protection Devices



▪ Surge Protection Devices Introduction	C.20-C21
▪ Mainswitch Board Large Industrial Applications	C.22-C.24
▪ Mainswitch Board Medium Industrial and commercial applications Introduction	C.25
▪ Mainswitch Board and Distribution Boards	C.26-C.29
▪ Machinery and Equipment	C.30-C.31
▪ Mainsfilter	C.32
▪ Control signal and Instrumentation Circuits	C.33-C.35
▪ ARC Suppression	C.36
▪ Back E.M.F Suppression Filter	C.37
▪ Sensitive Devices	C.38
▪ Cat 6. Industrial Ethernet	C.39
▪ Cat 5. Industrial Ethernet	C.40

MICROSERIES Relays - MRS/MRZ

- Relay removable 1CO - 6A
- Screw or tension clamp connection
- Cross-connection for four input and output potentials
- Mounts on TS 35 DIN rail
- Easy marking of the relay
- Only 6.1mm wide



Type	Rated Voltage	Continuous Current	Max. Switch Voltage	Width	Order No. (MRS Screw)	Order No. (MRZ Tension)
Version DC						
MRS/MRZ 5 VDC 1 CO	5 V DC ±20%	6 A	250 V	6.1 mm	8556080000	8556150000
MRS/MRZ 12 VDC 1 CO	12 V DC ±20%	6 A	250 V	6.1 mm	8556070000	8556140000
MRS/MRZ 24 VDC 1 CO	24 V DC ±20%	6 A	250 V	6.1 mm	8533640000	8533660000
MRS/MRZ 60 VDC 1 CO	60 V DC ±20%	6 A	250 V	6.1 mm	8556060000	8556130000
Version AC DC						
MRS/MRZ 24 V AC DC 1 CO	24 V AC/DC ±10%	6 A	250 V	6.1 mm	8556050000	8556120000
MRS/MRZ 48 V AC DC 1 CO	48 V AC/DC ±10%	6 A	250 V	6.1 mm	8556040000	8556110000
MRS/MRZ 120 V AC DC 1 CO	120 V AC/DC ±10% - 15%	6 A	250 V	6.1 mm	8556030000	8556100000
Version AC						
MRS/MRZ 230 V AC 1 CO	230 V AC ±10%	6 A	250 V	6.1 mm	8556020000	8556090000



C

MiniConditioner - MCZ R 1CO

- Relay 1CO
- Tension clamp connection
- Pluggable cross-connection
- Mounts on TS 35 DIN rail



Type	Rated Voltage	Continuous Current	Max. Switch Voltage	Width	Order No.
MCZ R 24 V DC	24 V DC ±20%	6 A	400 V	6 mm	8365980000
MCZ R 24 V DC AU	24 V DC ±20%	6 A	400 V	6 mm	8442960000
MCZ R 24 V ACDC	24 V DC ±10%	6 A	400 V	6 mm	8390590000
MCZ R 60 V DC	60 V DC ±20%	6 A	400 V	6 mm	8470380000
MCZ R 110 V DC	110 V DC ±10%	6 A	400 V	6 mm	8467470000
MCZ R 120 V AC	120 V AC -15% +10%	6 A	400 V	6 mm	8420880000
MCZ R 230 V AC	230 V AC ±10%	6 A	400 V	6 mm	8237710000
Accessories					
End Plate: AP MCZ					8389030000
Cross Connection with 10 pole (as 2- / to 10- / pole comb) ZQV 4/10					1609030000

DRM Multi-Pole Relays

- Small size with high switching power
- Wide coil input voltage range
- Optional test lever (AC red, DC blue)
- Optional status indicator (AC red, DC green)
- Optional suppressor diode



10A Contacts
(250VAC 30VDC)



5A Contacts
(250VAC 30VDC)

Rated Voltage	Coil Current	Max Coil Voltage	Type	Order No.
2 Change Over (2CO): DC				
24 V DC 2CO	36.9 mA	26.4 V	DRM 270048: Standard	7760056051
24 V DC 2CO	36.9 mA	26.4 V	DRM 270024LD: With LED + Supressor Diode	7760056077
48 V DC 2CO	18.5 mA	52.8 V	DRM 270048: Standard	7760056052
48 V DC 2CO	18.5 mA	52.8 V	DRM 270048L: With LED	7760056061
2 Change Over (2CO): AC				
24 V AC 2CO	62.4/52.2 mA	26.4 V	DRM 270524: Standard	7760056055
24 V AC 2CO	62.4/52.2 mA	26.4 V	DRM 270524L: With LED	7760056064
230 V AC 2CO	6.1/5.2 mA	253 V	DRM 270730: Standard	7760056058
230 V AC 2CO	6.1/5.2 mA	253 V	DRM 270730L: With LED	7760056067
4 Change Over (4CO): DC				
24 V DC 4CO	36.9 mA	26.4 V	DRM 570024: Standard	7760056079
24 V DC 4CO	36.9 mA	26.4 V	DRM 570024LD: With LED + Supressor Diode	7760056105
48 V DC 4CO	18.5 mA	52.8 V	DRM 570048: Standard	7760056080
48 V DC 4CO	18.5 mA	52.8 V	DRM 570048L: With LED	7760056089
4 Change Over (4CO): AC				
24 V AC 4CO	62.4/52.2 mA	26.4 V	DRM 570524: Standard	7760056083
24 V AC 4CO	62.4/52.2 mA	26.4 V	DRM 570524L: With LED	7760056092
230 V AC 4CO	6.1/5.2 mA	253 V	DRM 570730: Standard	7760056086
230 V AC 4CO	6.1/5.2 mA	253 V	DRM 570730L: With LED	7760056095
DRM Relay Sockets for 2CO Relay:				
300 V	12 A		FS 2CO	7760056106
DRM Relay Sockets for 4CO Relay:				
300 V	10 A		FS 4CO	7760056107
Accessories				
Metal Clip			DRM Clip M	7760056108

Recommended to be used in application with vibration



RIDERSERIES Industrial Relay Kits

SIMPLE ... ordering with pre-assembled Kits

You only need 1 part number and 1 price to order the pre-assembled Base, Relay, Retaining Clip and on the 4CO version an LED module is also included. Its just that SIMPLE!



RCI 1CO Relay Kits - 16 Amp



Screw Clamp Version



Push In Version

RELIABLE ... all-in-one power relays handling up to 16A

Relays handle power up to 16A with 24Vdc or 230Vac. All-in-1 relays with LED, Test Button & Diode Protection are also available



Release catch on test button and you can lock into place



Strong industrial pins for reliable and safe connections.

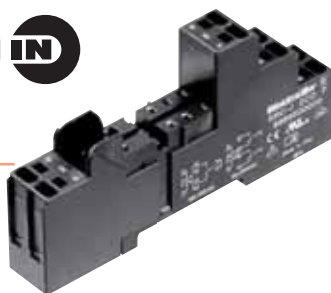


- 'Kit' comes with pre-assembled Base, Relay & Retaining Clip
- Base comes with Screw Clamp or Push In Connections (select below)
- Relay comes with in-built LED, Diode Protection on DC coil & 'optional' Test Button (select below)
- 4000 VA switching capacity
- Max. switching voltage 250 V AC / 30 V DC
- Continuous current rating is 16 A (resistive)
- Dimensions (LxWxH) - Screw Clamp: 77x15.5x70mm or - Push In: 98x15.5x70mm
- Clamping Range - Screw Clamp: 0.5 to 2.5mm² or - Push In: 0.75 to 1.5mm²
- Local & International Approvals: CTick, CE, UL, CSA

FAST ... Push In connections in base



Simply insert the conductor and you're done! No tools are required and you can save up to 70% in wiring time. Standard screw clamp versions are also available.

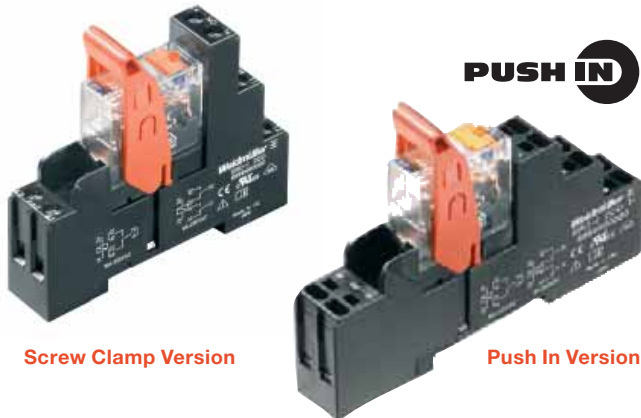


EASY ... looping with 2 terminals per pole on Push In versions

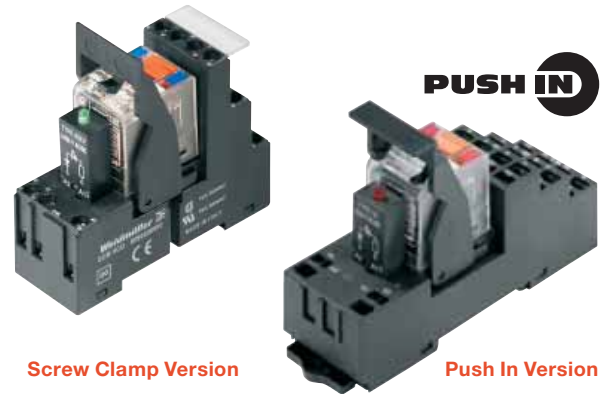
Also available for Push In are time saving plug-in cross connections

Type (Coil Voltage)	Coil Current	Clamp Type	Order Number	Order Number
RCI 1CO Pre-assembled 'Kits'			<i>With Test Button</i>	<i>Without Test Button</i>
24 V DC KIT	16.7 mA	Screw	8881580000	8871000000
24 V DC KIT	16.7 mA	Push In	8897190000	8897110000
24 V AC KIT	31.6 mA	Screw	8881590000	8871010000
24 V AC KIT	31.6 mA	Push In	8897200000	8897120000
115 V AC KIT	6.6 mA	Screw	8897060000	8897090000
115 V AC KIT	6.6 mA	Push In	8897210000	8897130000
230 V AC KIT	3.2 mA	Screw	8881600000	8871020000
230 V AC KIT	3.2 mA	Push In	8897220000	8897140000
'Individual Parts' and 'Accessories'			<i>With Test Button</i>	<i>Without Test Button</i>
Relay 24 V DC	16.7 mA		8870250000	8870100000
Relay 24 V AC	31.6 mA		8870280000	8870130000
Relay 115 V AC	6.6 mA		8870290000	8870140000
Relay 230 V AC	3.2 mA		8870300000	8870150000
Base with Screw Connection				8869490000
Base with Push In Connection				8869500000
Plastic Retaining Clip				8869510000
LED module 24 V DC				8869600000
LED module 24 V AC				8869630000
LED module 120 / 230 V AC				8869650000
Plug-in Cross Connection 2 Way				8870840000

RCI 2CO Relay Kits - 8 Amp



RCM 4CO Relay Kits - 6 Amp



- 'Kit' comes with pre-assembled Base, Relay & Retaining Clip
- Base comes with Screw Clamp or Push In Connections (select below)
- Relay comes with in-built LED, Diode Protection on DC coil & 'optional' Test Button (select below)
- 2000 VA switching capacity
- Max. switching voltage 250 V AC / 30 V DC
- Continuous current rating is 8 A (resistive)
- Dimensions (LxWxH) - Screw Clamp: 77x15.5x70mm or - Push In: 98x15.5x70mm
- Clamping Range - Screw Clamp: 0.5 to 2.5mm² or - Push In: 0.75 to 1.5mm²
- Local & International Approvals: CTick, CE, UL, CSA

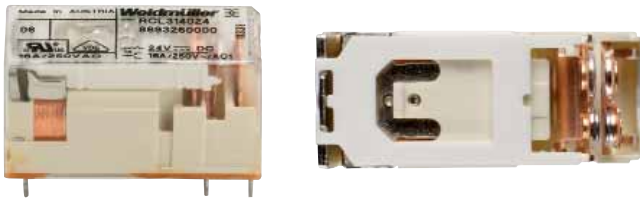
- 'Kit' comes with pre-assembled Base, Relay, Retaining Clip & LED Module
- Base comes with Screw Clamp or Push In Connections (select below)
- Relay comes with in-built Test Button
- Led Module includes diode protection on DC coil
- 1500 VA switching capacity
- Max. switching voltage 250 V AC / 30 V DC
- Continuous current rating is 6 A (resistive)
- Dimensions (LxWxH) - Screw Clamp: 77x27x78mm or - Push In: 98x27x79mm
- Clamping Range - Screw Clamp: 0.5 to 2.5mm² or - Push In: 0.5 to 1.5mm²
- Local & International Approvals: CTick, CE, UL, CSA



Type (Coil Voltage)	Coil Current	Clamp Type	Order Number	Order Number
RCI 2CO Pre-assembled 'Kits'			<i>With Test Button</i>	<i>Without Test Button</i>
24 V DC KIT	16.7 mA	Screw	8881610000	8871030000
24 V DC KIT	16.7 mA	Push In	8897230000	8897150000
24 V AC KIT	31.6 mA	Screw	8881620000	8871040000
24 V AC KIT	31.6 mA	Push In	8897240000	8897160000
115 V AC KIT	6.6 mA	Screw	8897080000	8897100000
115 V AC KIT	6.6 mA	Push In	8897250000	8897170000
230 V AC KIT	3.2 mA	Screw	8881630000	8871050000
230 V AC KIT	3.2 mA	Push In	8897260000	8897180000
'Individual Parts' and 'Accessories'			<i>With Test Button</i>	<i>Without Test Button</i>
Relay 24 V DC	16.7 mA		8870320000	8870180000
Relay 24 V AC	31.6 mA		8870350000	8870210000
Relay 115 V AC	6.6 mA		8870360000	8870220000
Relay 230 V AC	3.2 mA		8870370000	8870230000
Base with Screw Connection				8869490000
Base with Push In Connection				8869500000
Plastic Retaining Clip				8869510000
LED module 24 V DC				8869600000
LED module 24 V AC				8869630000
LED module 120 / 230 V AC				8869650000
Plug-in Cross Connection 2 Way				8870840000

Type (Coil Voltage)	Coil Current	Clamp Type	Order Number
RCM 4CO Pre-assembled 'Kits'			<i>With Test Button</i>
24 V DC KIT	31.3 mA	Screw	8921030000
24 V DC KIT	31.3 mA	Push In	8921120000
24 V AC KIT	41.6 mA	Screw	8921040000
24 V AC KIT	41.6 mA	Push In	8921130000
115 V AC KIT	8.8 mA	Screw	8921050000
115 V AC KIT	8.8 mA	Push In	8921140000
230 V AC KIT	4.3 mA	Screw	8921060000
230 V AC KIT	4.3 mA	Push In	8921150000
'Individual Parts' and 'Accessories'			<i>With Test Button</i>
Relay 24 V DC	31.3 mA		8690200000
Relay 24 V AC	41.6 mA		8690110000
Relay 115 V AC	8.8 mA		1180800000
Relay 230 V AC	4.3 mA		1181100000
Base with Screw Connection			8869420000
Base with Push In Connection			8869430000
Plastic Retaining Clip			8869440000
LED module 24 V DC			8869600000
LED module 24 V AC			8869610000
LED module 120 / 230 V AC			8869650000
Plug-in Cross Connection 2 Way			8870850000

RCLS Inrush Power Relays



For highly inductive or capacitive loads the **RCLS 3L** Inrush Power relays provide extreme protection against contact pitting and welding. With the capacity to switch up to 120A /20ms, these industrial power relays are especially suited for switching fluorescent lamps, solenoids and switch mode power supplies. The relay uses a silver/tin/oxide contact material which greatly improves the contact life and reliability.

With the addition of a tungsten pre-travel contact in the **RCLS 3T** version, inrush currents of up to **165A/20ms and 800A/200µs** can be reliably switched.

The RCLS Inrush Power industrial relays are compatible with the Riderseries RCI DIN Rail mounted bases and are available in both 12 and 24VDC coils.



Picture shows example of the RCLS relay fitted to an RCI Base

- Relays for switching aggressive inductive and capacitive loads
- Max. switching voltage is 240 V AC / 30 V DC
- Continuous current rating is 16 A (resistive)
- Response time 10 ms / release time 4 ms
- **Relay Type: RCLS 3L**
 - Making capacity of 120 A / 20ms
 - AgSnO2 (Silver-Tin-Oxide) contact base material
- **Relay Type: RCLS 3T**
 - Making capacity of 165 A / 20ms or 800 A / 200 µs
 - AgSnO2+W (Tungsten) contact base material
- Local & International Approvals: CTick, CE, UL, CSA
- Relays supplied as Individual Parts and can be fitted to standard RCI Relay bases (**see page 2**)

Type: Coil Voltage	Rated Current	Order No.
<i>RCLS Inrush Power Relays (Supplied as Individual Parts)</i>		
RCLS 3L 12 VDC 1NO	33.3 mA	8866890000
RCLS 3L 24 VDC 1NO	16.7 mA	8866900000
RCLS 3T 12 VDC 1NO	33.3 mA	8866910000
RCLS 3T 24 VDC 1NO	16.7 mA	8866920000

RS30 Relays

- Screw connection
- LED status indication
- High current switching capacity
- Compact
- Back EMF suppressed coil



Rated Voltage	Function Display	Continuous Current	Order No. (1 NO)	Order No. (1 NC)	Order No. (Change Over)
12 V DC	LED Red	6 A	1129421001	1129521001	
24 V DC	LED Red	6 A	1101621001	1100921001	1181521001
24 V AC/DC	LED Red	6 A	1101721001		
48 V DC	LED Red	6 A	1101821001		
115 V DC	LED Red	5 A	1155121001	1155221001	
115 V AC	LED Red	5 A	1102121001		
230 V AC	LED Red	3 A	1102221001		
240 V AC	LED Red	3 A	1128521001		

ECO 30 24V AC/DC Relays

- Compact
- LED status indication
- 24V AC/DC coil
- Back EMF suppressed coil



Type	Rated Voltage	Continuous Current	Max. Switch Voltage	Width	Order No.
ECO 30	24 V AC/DC	8 A	250 V AC	11.2 mm	7940005581

MC5R Single Channel Relays

- Ultra Slim only 6mm wide
- LED status indication
- Gold contacts available for low level switching
- Wide range of coil voltages
- Back EMF suppressed coil



Rated Voltage	Continuous Current	Max. Switch Voltage	Width	Order No.
Change Over				
12 V DC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7901610000
24 V DC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7901620000
48 V DC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7901630000
220 / 240 V AC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7901520000
110 / 120 V AC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7901500000
Change Over Gold Contacts				
12 V DC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7906840000
24 V DC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7906850000
48 V DC	6 A	250 V AC 6A /30 VDC 5 A (Resistive)	6 mm	7906860000
Dual Voltage, Normally Open Contact (Gold Flash)				
12 V DC (24 V DC)	5 A	250 V AC 4A /30 VDC 4 A (Resistive)	6 mm	7901540000
24 V DC (48 V DC)	5 A	250 V AC 4A /30 VDC 4 A (Resistive)	6 mm	7901550000
12 V AC/DC (24 V AC/DC)	5 A	250 V AC 4A /30 VDC 4 A (Resistive)	6 mm	7901560000
24 V AC/DC (48 V AC/DC)	5 A	250 V AC 4A /30 VDC 4 A (Resistive)	6 mm	7901570000
115 V AC and Logic, Normally Open Contact				
115 V AC	5 A	250 V AC 4A /30 VDC 4 A (Resistive)	6 mm	7901600000
5 - 15 V Logic (24 V DC)	5 A	250 V AC 4A /30 VDC 4 A (Resistive)	6 mm	7901580000
5 - 15 V Logic (24 V AC/DC)	5 A	250 V AC 4A /30 VDC 4 A (Resistive)	6 mm	7901590000
Accessories:				
End Plate (AP)				7940005681



TERMOPTO

- 500 mA DC output
- Control voltages: 5 ... 220 Vdc; 24 ... 230 Vac
- Switching voltages: 5 ... 48 Vdc / 0.5 A
- Rated Impulse voltage: 4kV
- Ambient Temperature: -20 °C ... +60 °C
- Terminal sized
- Screw or Push In connection
- Pluggable cross-connections



Connection	Type	Clamping Range (Rating -/min / max)	Dimensions (L x W x H)	Order No.
Screw Connection	TOS 12 Vdc / 48 Vdc 0.5A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8950910000
Push In Connection	TOP 12 Vdc / 48 Vdc 0.5A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8950970000
Screw Connection	TOS 24 Vdc / 48 Vdc 0.5A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8950920000
Push In Connection	TOP 24 Vdc / 48 Vdc 0.5A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8950980000
Screw Connection	TOS 48 Vdc / 48 Vdc 0.5A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8950930000
Push In Connection	TOP 48 Vdc / 48 Vdc 0.5A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8950990000
Screw Connection	TOS 24 Vac / 48 Vdc 0.5A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8951020000
Push In Connection	TOP 24 Vac / 48 Vdc 0.5A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8951060000
Screw Connection	TOS 230 Vac / 48 Vdc 0.5A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8951050000
Push In Connection	TOP 230 Vac / 48 Vdc 0.5A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8951090000

MICROPTO

- Operational Temperature: -20°C ... +60°C
- Storage Temperature: -40°C ... +80°C
- Approvals: CE, cULus in preparation
- Standards: EN 50178, IEC 62314, UL508
- V-0 Flammability Class
- Only 6mm width



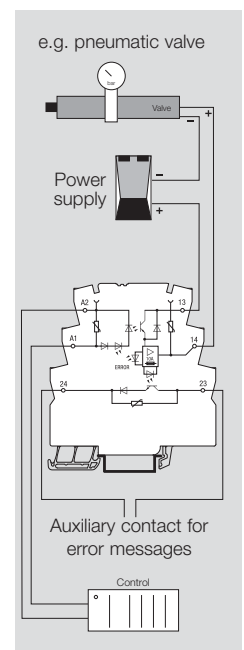
Purpose	Type	Power Rating	Rated Voltage	Dimensions (L x W x H)	Order No.
High switching frequency	12 ... 28 V DC 100 kHz	0.08 ... 0.3 W	12 V DC ... 28 V DC	90 x 6.1 x 98	8937990000
DC loads	12 ... 300 V DC 1A	0.26 W	24 V DC ... ± 20%	90 x 6.1 x 98	8937830000
Direct connection of actuators	8 ... 30 V DC 2A	0.12 W	24 V DC ... ± 20%	90 x 6.1 x 98	8937970000
Inductive Modes(DC)	24 V DC 10A	0.4W	24 V DC ... ± 20%	90 x 6.1 x 98	8937940000

The **MICROPTO SOLENOID** solid-state relay is used especially as switching amplifier for actuators up to 24 V DC and 10 A with inductive loads such as solenoid valves and contactors.

A potential-free signalling contact transmits errors, such as short circuit or overload, to the controller.

The **MICROPTO SOLENOID** solid-state relay is short-circuit-proof and protected against power-related transients and voltage peaks by extensive protective circuits. The closed housing also offers a high level of protection against contact.

Note: Slow blow fuse required for over current protection. Fuse must blow within 4hours for currents exceeding 10Amps.



MICRO Interface Digital

- Dramatically reduces wiring
- Compact Industrial Digital Wiring
- No tools required for installation
- Compatible with MIRCOSERIES Screw and tension clamp connections



Input Module
M18DI-S/Z



Output Module
M18DO-S/Z

Type	Operating Voltage (MAX)	Total Current Feed	Operating Temperature	Order No. Input Module: (M18DI-S/Z)	Order No. Output Module: (M18DO-S/Z)
M18DI-S F10 S	30 V DC	2 A	0 °C ... +55 °C	8773510000	
M18DI-S SUB D15S	30 V DC	2 A	0 °C ... +55 °C	8773460000	
M18DI-Z F10 S	30 V DC	2 A	0 °C ... +55 °C	8773530000	
M18DI-Z SUB D15S	30 V DC	2 A	0 °C ... +55 °C	8773490000	
M18DO-S F10 S	30 V DC	2 A	0 °C ... +55 °C		8773600000
M18DO-S SUB D15S	30 V DC	2 A	0 °C ... +55 °C		8773550000
M18DO-Z F10 S	30 V DC	2 A	0 °C ... +55 °C		8773620000
M18DO-Z SUB D15S	30 V DC	2 A	0 °C ... +55 °C		8773570000

C

MICROSERIES Optocoupler - MOS/MOZ

- Solid-state relay interchangeable
- Cross Connectable
- Width 6.1 mm
- Switching upto 2A at 24 V DC



Type	Rated Voltage	Output Voltage	Output Current	Order No. (Screw Connection)	Order No. (Tension Clamp Connection)
MOS 24 V DC/ 24 V DC 0.1 A	24 V DC	3 V ... 48 V DC	0.1 A	8607340000	
MOZ 24 V DC/ 24 V DC 0.1 A	24 V DC	3 V ... 48 V DC	0.1 A		8607360000
MOS 24 V DC/ 24 V DC 2 A	24 V DC	3 V ... 33 V DC	2 A	8607350000	
MOZ 24 V DC/ 24 V DC 2 A	24 V DC	3 V ... 33 V DC	2 A		8607370000
MOS 120 V AC/ 24 V DC 0.1 A	120 V AC	3 V ... 48 V DC	0.1 A	8607690000	
MOZ 120 V AC/ 24 V DC 0.1 A	120 V AC	3 V ... 48 V DC	0.1 A		8607730000
MOS 120 V AC/ 24 V DC 2 A	120 V AC	3 V ... 33 V DC	2 A	8607700000	
MOZ 120 V AC/ 24 V DC 2 A	120 V AC	3 V ... 33 V DC	2 A		8607740000
MOS 230 V AC/ 24 V DC 0.1 A	230 V AC	3 V ... 48 V DC	0.1 A	8607710000	
MOZ 230 V AC/ 24 V DC 0.1 A	230 V AC	3 V ... 48 V DC	0.1 A		8607750000
MOS 230 V AC/ 24 V DC 2 A	230 V AC	3 V ... 33 V DC	2 A	8607720000	
MOZ 230 V AC/ 24 V DC 2 A	230 V AC	3 V ... 33 V DC	2 A		8607760000

RS01 Optocoupler

- RS01
- Slimline
- High Switching Capacity
- Economical



Rated Voltage	Switching Capacity	Cut Off Frequency	Max. Switching Voltage	Width	Order No.
RS01 Solenoid Driver					
10 - 30 V DC	3 A	2 kHz	100 V DC	11.2 mm	7905920000
10 - 30 V DC	3 A	2 KHz	250 V RMS (47 - 70 Hz)	11.2 mm	7905930000

MC50 Solenoid Driver

- Up to 10A inductive load switching capacity
- Dual voltage input versions
- Input reverse polarity protected
- High speed switching



Rated Voltage	Max. Continuous Current	Max. Switching voltage	Width	Order No.
Solenoid Driver 10A:				
▪ 24 VDC	10 A Inductive	5 to 34 V DC	6 mm	7901690001
Dual Voltage with Open Collector Transistor:				
▪ 12 V DC (24 V DC)	250 mA	60 V DC	6 mm	7906270000
▪ 24 V DC (48 V DC)	250 mA	60 V DC	6 mm	7906280000
▪ 110 V DC (24 V DC)	250 mA	60 V DC	6 mm	7906290000
▪ 5 V DC (12 V DC)	250 mA	60 V DC	6 mm	7906300000
Accessories:				
▪ End Plate				7940005681

C

WAVESERIES - WOS Optocouplers

- Width 22.5 mm
- Screw connection



Type	Output Voltage	Output Current	Input Voltage	Input Current	Order No.
WOS1 5 VDC	18 ... 24 ... 30 V DC	2 A (neg. Switch)	4 ... 5 ... 6 V DC	7.5 ... 19 mA	8275430000
WOS1 3.5 - 15 VDC 5 kHz	5 ... 48 V DC	100 mA	3.5 ... 15 V DC	10 ... 25 mA	8275390000
WOS 1 12 VDC	12 ... 24 ... 28 V DC	500 mA	10 ... 12 ... 14 V DC	15 mA AC/12 mA DC	8275500000
WOS 1 15-60 VDC 1 kHz	12 ... 24 ... 28 V DC	500 mA	15 ... 60 V DC	1.4 ... 4.1 mA	8237730000
WOS 1 115 VDC	12 ... 24 ... 28 V DC	500 mA	115 ... 130 V ACDC	2.9 mA AC/ 3.1 mA DC	8235180000
WOS 1 230 VDC	12 ... 24 ... 28 V DC	500 mA	230 ... 250 V ACDC	11.5 mA AC/1.8 mA DC	8275380000
WOS 2 24 VDC	19.2 ... 24 ... 28.8 V DC	5 A	24 V ACDC +-10%	16.3 mA AC/13.5 mA DC	8275190000
WOS 2 115 VDC	19.2 ... 24 ... 28.8 V DC	5 A	115 ... 130 V ACDC	3.1 mA AC/2.8 mA DC	8296250000
WOS 2 230 VDC	19.2 ... 24 ... 28.8 V DC	5 A	230 ... 250 V ACDC	12 mA AC/1.8 mA DC	8275220000
WOS 2 15-60 VAC 66 VDC	24 ... 250 V AC	3.5 A	15 V DC ... 60 V AC ... 66 V DC	3.3 ... 5.3 mA AC/ 3.8 ... 5.6 mA DC	8275440000
WOS 2 115 VDC	24 ... 250 V AC	3.5 A	115 ... 130 V DC	3.8 mA AC/7.2 mA DC	8259950000
WOS 2 230 VDC	24 ... 250 V AC	3.5 A	230 ... 250 V ACDC	11.8 mA AC / 33.3 mA DC	8275400000
WOS 1 5VTTL 50 kHz	21.6 ... 24 ... 26.4 V DC	50 mA	5 V TTL	13 mA	8275210000
WOS 1 12-28 VDC 100 kHz	21.6 ... 24 ... 26.4 V DC	50 mA	12 ... 28 V DC	8 mA	8275450000

AC Current Monitoring - RSACM

- 1-20A range
- Combifoot mounting: TS32 & TS35
- Internal current limitation
- Self or externally powered
- LED local indication



Type	Input Current / Frequency	External Supply Voltage / Current	LED Indication	Order No. (Screw Connection)
RSACM 1-20 A 24 VDC	1 - 20 A AC/50-60Hz	10-45 V DC / Limited to 20mA	2.0 A AC (Self - Powered) 1.0 A AC (Opt. External Supply)	7940017351

DeciPak 4-Wire Isolators

- Compact, 22.5mm housing
- 3-way 2KV RMS isolation
- 0° - 60°C Operating range
- Economical solution
- Mount on TS32 or TS35 din rail
- Span Adjustment



Input	Output	Power	Width	Order No.
DC mA & Voltage				
4 - 20 mA	4 - 20 mA	9 - 60 V DC	22.5 mm	7940005473
4 - 20 mA	0 - 20 mA	9 - 60 V DC	22.5 mm	7940005476
4 - 20 mA	0 - 10 V	9 - 60 V DC	22.5 mm	7940005479
4 - 20 mA	0 - 5 V	9 - 60 V DC	22.5 mm	7940005482
0 - 20 mA	4 - 20 mA	9 - 60 V DC	22.5 mm	7940005485
0 - 20 mA	0 - 20 mA	9 - 60 V DC	22.5 mm	7940005488
0 - 20 mA	0 - 10 V	9 - 60 V DC	22.5 mm	7940005491
0 - 20 mA	0 - 5 V	9 - 60 V DC	22.5 mm	7940005495
0 - 10 mA	4 - 20 mA	9 - 60 V DC	22.5 mm	7940005499
0 - 10 mA	0 - 20 mA	9 - 60 V DC	22.5 mm	7940005502
0 - 10 mA	0 - 10 V	9 - 60 V DC	22.5 mm	7940005505
0 - 10 mA	0 - 5 V	9 - 60 V DC	22.5 mm	7940005508
0 - 5 mA	4 - 20 mA	9 - 60 V DC	22.5 mm	7940005511
0 - 5 mA	0 - 20 mA	9 - 60 V DC	22.5 mm	7940005514
0 - 5 mA	0 - 10 V	9 - 60 V DC	22.5 mm	7940005517
0 - 5 mA	0 - 5 V	9 - 60 V DC	22.5 mm	7940005520

DeciPak Input Loop Powered Isolated

- Compact, 22.5mm housing
- Drive output load 100 to 400 ohms
- Mount on TS32 or TS35 din rail
- Signal powered from input loop
- Input/output 2KV Rms isolation



Input	Output	Power	Width	Order No.
4 - 20 mA				
4 - 20 mA	4 - 20 mA	50 V DC (Max)	22.5 mm	7940005521

Field Calibrator

- Portable
- Dual function DC milli-Amp/volts
- Internal 9V Battery x2



Input	Output	External Power Source	Width	Order No.
DC Milli-amps & Voltage				
0 - 20 mA	0 - 10 mA	18 - 40 V DC	75 mm	7940005547

DeciPak 2-Wire Isolators

- Compact
- Output loop powered
- Up to 0.2% Accuracy
- Economical
- 2000 V DC Isolation
- Mounts on TS32 or TS35 din rail
- Zero and Span Adjustment



Input	Calibration	Output	Loop Supply	Width	Order No.
DC mA & Voltage					
4 - 20 mA	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005522
0 - 1 mA	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005523
0 - 20 mA	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005524
0 - 1 V	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005525
0 - 5 V	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005526
1 - 5 V	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005527
0 - 10 V	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005528
AC Current					
0 - 1 AC / 0 - 5 A AC	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005554
DC Milli-Volt Input					
0 - 10 mV	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005529
0 - 50 mV	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005577
0 - 75 mV	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005530
0 - 100 mV	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005531
0 - 500 mV	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005532
Resistance					
0 - 100K ohm	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005557
0 - 1K ohm	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005578
0 - 5K ohm	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005579
0 - 10K ohm	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005580
Thermocouple Input					
Type K	0 - 250 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005539
Type K	0 - 500 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005540
Type K	0 - 1000 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005541
Type K	0 - 1200 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005542
Type J	0 - 250 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005543
Type J	0 - 500 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005544
Type J	0 - 1000 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005545
Type J	0 - 1200 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005546
AC Voltage					
0 - 125 V AC	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005543
0 - 250 V AC	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005544
0 - 450 V AC	-	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005545
RTD Input					
PT 100	0 - 50 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005533
PT 100	0 - 100 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005534
PT 100	0 - 150 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005535
PT 100	0 - 200 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005536
PT 100	0 - 250 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005537
PT 100	0 - 300 °C	4 - 20 mA	8.5 - 40 V DC, 24 V DC Norm.	22.5 mm	7940005538

connectPower ECOLINE 1 & 3-Phase 72-960W

MAXIMUM PERFORMANCE Vs PRICE

- Robust metal housing
- Mounts on TS35 Din Rail
- Output LED power indication
- Adjustable output 24-28Vdc for Voltage Drop Compensation
- Built-in ventilation channel for side by side stacking and no de-rating



- Wide range switchable supply input voltage
- Built-in remote status alarm via C/O relay
- Power diode module for parallel connection/redundancy
- Up to 50% overload protection and auto restart (Power boost 2-5s)
- Local and International Approvals: CTick, CE, UL, CSA



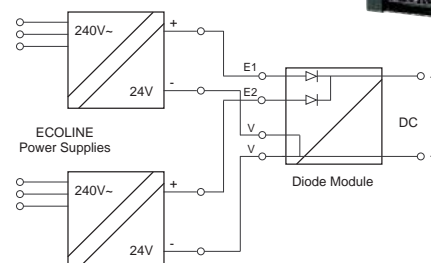
Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
1-phase					
72W	3 A	24-28 Vdc	85-264Vac/110-370Vdc	110 x 55.5 x 125	8708660000
120W	5 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	110 x 65.5 x 125	8708670000
240W	10 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	110 x 125.5 x 125	8708680000
480W	20 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	110 x 227.5 x 125	8778870000
960W	40A	24-28Vdc	85-264Vac	125 x 240 x 150	8862780000
3-phase					
250W	10 A	24-28 Vdc	3x400Vac/340-575Vac	110 x 125.5 x 125	8708700000
480W	20 A	24-28 Vdc	3x400Vac/340-575Vac	110 x 227.5 x 125	8708710000
960W	40 A	24-28 Vdc	3x400Vac/340-575Vac	125 x 280 x 150	8708730000

Accessories: ECOLINE Diode Modules

DOUBLE YOUR POWER / REDUNDANCY

It is often necessary to connect two power supplies in parallel for increased load current requirements or redundancy. The best solution to do this is to use a Diode Auctioneering Module. These modules contain two full current rated diodes with a common cathode connection. To install you simply connect the output of each power supply to the input terminals of the diode module. A single output is then available from the diode module. With this setup the power supplies can not drive each others output .

- **Robust metal housing**
- **Mounts on TS35 Din Rail**
- **Built-in ventilation channel for side by side stacking & no De-rating**
- **Local and International Approvals: CTick, CE, UL, CSA**



Type	Output Current	Output Voltage	Input Voltage	Input Current	Dimensions (LxWxHmm)	Order Number
CP DM 10	0-20A max or 10A Redundancy Mode	Vin-0.5 typical	40Vdc max.	2 x 0-10A max.	125x55.5x100	8710620000
CP DM 20	0-40A max or 20A Redundancy Mode	Vin-0.5 typical	40Vdc max.	2 x 0-20A max.	142x55.5x100	8768650000

connectPower INSTAPOWERS 1-PHASE 25-48W

ADJUSTABLE OUTPUT VERSATILITY

- Wide range of adjustment and universal AC/DC inputs
- Suitable for use as a DC/DC Converter
- Ultra-compact only 70mm wide
- Mounts on standard TS35 DIN rail
- Local and International Approvals: CTick, CE, UL, CSA



Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
25 W	5 A	4-8 Vdc	85-264Vac/110-370Vdc	62.5x70.0x90.5	8754960000
48 W	4 A	9-15 Vdc	85-264Vac/110-370Vdc	62.5x70.0x90.5	8754970000
48 W	2 A	15-28 Vdc	85-264Vac/110-370Vdc	62.5x70.0x90.5	8739140000
48 W	1 A	46-55 Vdc	85-264Vac/110-370Vdc	62.5x70.0x90.5	8879230000



connectPower INSTAPOWERS 1-PHASE 24W

FOR DRIVING INDUCTIVE LOADS

- Thermal overload protection and automatic restart
- High Efficiency and universal inputs
- Compact design only 52mm wide
- Mounts on standard TS35 DIN rail
- Suitable for use as a DC/DC converter
- Local and International Approvals: CTick, CE, UL, CSA



Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
24 W	2 A	5 Vdc	85-265Vac/120-300Vdc	62.5x52x90.5	9928890005
24 W	1.5 A	12 Vdc	85-265Vac/120-300Vdc	62.5x52x90.5	9928890012
24 W	1.5 A	15 Vdc	85-265Vac/120-300Vdc	62.5x52x90.5	9928890015
24 W	1 A	24 Vdc	85-265Vac/120-300Vdc	62.5x52x90.5	9928890024
24 W	1 A	28 Vdc	85-265Vac/120-300Vdc	62.5x52x90.5	9928890028

connectPower WAVEPOWER 1-PHASE 12W

ULTRA COMPACT ONLY 22.5mm WIDE

- Slimline only 22.5mm in width with plug/socket terminals
- Thermal overload protection and automatic restart
- Mounts on standard TS35 DIN rail
- Local and International Approvals: C Tick, CE, UL, CSA



Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
12W	0.5 A	24 Vdc	85-265Vac/120-300Vdc	112.4 x 22.5 x 92.4	9918840024

C

PRO-M Advanced Feature Switchmode Power Supplies

FOR SPACE-SAVING USE IN AUTOMATION TECHNOLOGY

- The new PRO-M range of switchmode power supplies have a space saving of upto 50% and no gap required between multiple units. PRO-M will squeeze into the tightest of switchboards or machines
- Extended temperature Range of -25°C to +70°C extends the number application possibilities
- Redundancy and power increasing with up to 5 modules is accomplished without the need for external diode modules
- A Power boost up to 120% is provided for up to 2 minutes and with overall efficiencies of up to 90% the new PRO-M series delivers in all areas



Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
1-phase					
70 W	3A	24 V (22.0 to 29.5 V)	85-264Vac / 80-370Vdc	125x33x130	8951330000
120 W	5 A	24 V (22.0 to 29.5 V)	85-264Vac / 80-370Vdc	125x40x130	8951340000
180 W	7.5 A	24 V (22.0 to 29.5 V)	85-264Vac / 80-370Vdc	125x50x130	8951350000
250 W	10 A	24 V (22.0 to 29.5 V)	85-264Vac / 80-370Vdc	150x60x130	8951360000
500 W	20 A	24 V (22.0 to 29.5 V)	85-264Vac / 80-370Vdc	150x115x130	8951370000
1000W	40 A	24 V (22.0 to 29.5 V)	85-264Vac / 80-370Vdc	150x140x130	8951380000
3-phase					
120 W	5A	24 V (22.0 to 29.5 V)	320-575Vac / 450-800Vdc	125x40x130	8951390000
250 W	10 A	24 V (22.0 to 29.5 V)	320-575Vac / 450-800Vdc	150x60x130	8951400000
500 W	20 A	24 V (22.0 to 29.5 V)	320-575Vac / 450-800Vdc	150x115x130	8951410000
1000 W	40 A	24 V (22.0 to 29.5 V)	320-575Vac / 450-800Vdc	150x140x130	8951420000

connectPower 1-PHASE: 55-300W

- Thermal overload protection
- 5 Vdc to 28 Vdc outputs
- 85 Vac to 265 Vac / 120Vdc to 300Vdc supply
- Approvals: CE, UL, CSA, CTick



Type	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
CP SNT 55W	3 A	5 Vdc	85-265Vac/120-300Vdc	98 x 57 x 131	9927480005
CP SNT 55W	3 A	12-15 Vdc	85-265Vac/120-300Vdc	98 x 57 x 131	9927480012
CP SNT 55W	2.3 A	24-28 Vdc	85-265Vac/120-300Vdc	98 x 57 x 131	9927480024
CP SNT 55W	1.04 A	48 Vdc	85-265Vac/120-300Vdc	98 x 57 x 131	9927480048
CP SNT 160W	6.5 A	24-28 Vdc	85-138Vac/195-250Vdc	127 x 57 x 175	9925340024
CP SNT 300W	12.5 A	24-28 Vdc	85-265Vac/100-200Vdc	155 x 240 x 101	9916250024



EasyLine Chassis Mount Power Supplies

- OEM Product
- Long life and high efficiency in a compact chassis mount housing & fitted with fingersafe terminations.
- With outputs from 25 to 250 Watts in the industry standards: 5, 12, 24 and 48Vdc versions. With efficiencies up to 87%, Easyline can reduce your power requirements and extend overall service life of your equipment.
- International Approvals & universal input voltages are suitable for use in equipment bound for any market.
- Extended temperature ratings: -20 °C to 70 °C and a low 100mV ripple add value to the already high value package; and all models feature adjustable output voltage



Max. Output Power (Watts)	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
25W	1.1 A	24 V	85-264 Vac / 110-370 Vdc	105 x 77 x 35	7760052036
75W	6 A	12 V	85-264 Vac / 110-370 Vdc	135 x 100 x 40	7760052043
75W	3.2 A	24 V	85-264 Vac / 110-370 Vdc	135 x 100 x 40	7760052044
75W	1.6 A	48 V	85-264 Vac / 110-370 Vdc	135 x 100 x 40	7760052045
150W	6.5 A	24 V	85-264 Vac / 110-370 Vdc	205 x 100 x 50	7760052051
150W	3.3 A	48 V	85-264 Vac / 110-370 Vdc	205 x 100 x 50	7760052052
250W	10.5 A	24 V	85-264 Vac / 110-370 Vdc	205 x 100 x 50	7760052054

Accessories

Bracket 250W	7760052061
--------------	------------

WAVEGUARD Electronic Fusing SYSTEM

ULTRA FAST PROTECTION

- Selective dynamic and static protection of 24 Vdc circuits
- Screw and tension clamp connection
- Signal contact with 0V
- Mounts on standard TS 35 DIN rail



Type	Output Voltage	Output Current	Dimensions (LxWxHmm)	Order No. (Screw Clamp)	Order No. (Tension Clamp)
WGS / WGZ	24 A	1.6 A	92.4 x 22.5 x 72	8618890000	8621040000
WGS / WGZ	24 A	3.15 A	92.4 x 22.5 x 72	8618910000	8621030000
WGS / WGZ	24 A	6.3 A	92.4 x 22.5 x 72	8618930000	8621020000
WGS / WGZ	24 A	8 A	92.4 x 22.5 x 72	8618940000	8621010000
Adjustable Version - Easily Adjustable for Nominal Current 0.5 to 5A					
WGS	24 A	0.5 ... 5.0 A	92.4 x 22.5 x 72	8710270000	8727630000

WGS: Screw connection

WGZ: Tension clamp connection

WAVEFILTER Line Filter

- Plug in terminals
- WAVEFILTERS for simple radio interference Suppression in the control cabinet
- Eliminator times consuming work of screwing in main filters
- High level of discrimination



Type	Input Voltage	Input Current	Dimensions (Width mm)	Clamping Range (Max.)	Order No.
Wavefilter 1A	250 V AC / DC	1 A	22.5 mm	2.5 mm ²	8614790000
Wavefilter 3A	250 V AC / DC	3 A	22.5 mm	2.5 mm ²	8614780000
Wavefilter 6A	250 V AC / DC	6 A	22.5 mm	2.5 mm ²	8614800000
Wavefilter 10A	250 V AC / DC	10 A	22.5 mm	2.5 mm ²	8614770000

INTELLIGENT SOLUTIONS FOR SWITCHMODE POWER SUPPLIES

NEW PRO M WITH POWER BOOST OF 120% FOR 2 MINUTES



MORE INFORMATION
SEE SECTION C, PAGE 16

Weidmüller's new PRO-M Range of Switchmode Power Supplies offer a host of advantages over regular power supplies. With a space saving of up to 50% and no ventilation gap required between multiple units of the PRO-M will squeeze into the tightest of switchboards or machines.

- Power boost of 120% is provided for up to 2 minutes, enabling inductive and capacitive loads additional starting capacity.
- Confidence of Reliability: MTBF > 500,000 hours
- Reduced power cost: up to 90% efficiency and Power Factor up to 0.98

www.weidmuller.com.au

Weidmüller 

Surge Protection Devices: Are they really worthwhile to have?

Disaster comes from the sky!

The violent forces of nature in the form of a thunderstorm are a spectacular sight. Potentially, this is a dangerous event for human beings and no less dangerous for industrial and commercial premises and equipment.

While a person is mainly exposed to the risk of a lightning strike in his or her immediate vicinity, this is not the case for electrical equipment. Lightning strikes up to 2km away can damage electrical components. Apart from this, electrical systems are considerably more sensitive to the indirect effects of a bolt of lightning. Lightning strikes generate secondary voltages in anything that conducts and therefore endanger the installation of electrical equipment.



Disaster also comes from inside!

Where ever electricity is used, it must also be switched on and off. The physical processes of a switching operation can also cause overvoltages or surges. These surges are nowhere near as high as those generated by lightning but they are generated directly in the lines. They are also directly in the system and place huge stresses on the insulation.

Although switching operations are not as spectacular as lightning strikes, they do take place more frequently. Added to this we also experience overvoltages due to electrostatic discharges and faulty switching equipment.

Protection just common sense!

Our modern working lives would be inconceivable without power supply systems, instrumentation, control equipment and IT networks. They have become matter - of - fact and realise their significance only when they break down.

The potential scenarios range from a brief interruption in the work to bankruptcy. Good protection can prevent that. Surge protection is an important aspect of electromagnetic compatibility. Weidmuller Surge Protection Devices “SPD’s” are used the world over to provide enhanced protection and peace of mind in every industry and commercial application. Whether you need to protect the power supply into a process plant, instrumentation signals or even the mains supply to your home, Weidmuller has the equipment to suit your application.

Weidmuller prides itself on meeting or exceeding the requirements of International Standards such as IEC 61643-1 and the recently revised Australian standard AS/NZS 1768:2007.

It is obvious that the overvoltage protection components must be able to withstand very high currents because, depending on the energy source, a short-circuited overvoltage source can amount to several thousand amperes. At the same time, no unacceptably high residual voltage should be allowed to remain.

Weidmuller’s Surge Protection Devices are characterized by the following design criteria:

- + Fast response behaviour
- + High current carrying capacity
- + Low residual voltage
- + Good reactivation time.

Depending on the application, Weidmuller Surge Protection Devices usually consist of a combination of individual components suited to the task required.

Devices such as Triggered Spark Gaps, Metal Oxide Varistors, Gas Discharge Arrestors and Semi-Conductor Transient Diodes are incorporated.

General Installation Advice

Many details have to be taken into account during the installation of overvoltage protection and the electrical system in order to achieve optimum protection. Australian and New Zealand Installations must be in accordance with AS/NZS 3000:2007 wiring rules.

Arrangement and subdivision of electrical panel

Steel cabinets possess good magnetic shielding properties. The following points should be taken into consideration during the installation:

- + Avoid unnecessarily long lines (particularly lines with a high volume of data traffic).
- + Route sensitive signalling lines separately from lines with a high interference potential.
- + Route shielded lines directly to the equipment and connect the shielding there (do not connect via additional terminal in switching cabinet).
- + Classify equipment in groups with different sensitivities and place these together.

Place of installation

The overvoltage protection devices should be mounted where the lines and cables enter the cabinet. This is the lowest mounting rail directly above the cable entries. This prevents interference being coupled within the cabinet; interference is discharged right at the entry to the cabinet. When using shielded lines, these can be connected at this point by using Weidmüller clamp straps.

Routing the lines

Signalling lines should be laid within the system/cabinet over the shortest route to the overvoltage protection and then continue to the connected equipment. Protected and unprotected lines should be routed separately. The earth line should be regarded as an unprotected line. Metal partitions can be used along cable routes or in cable ducts to achieve this separation. If signalling lines are laid parallel to power lines, a clearance of min. 500 mm must be maintained.

Earthing of products and connected products

All overvoltage protection devices include an earth connection terminal. The earth line of the associated equipotential bonding strip must be connected to this point. The cross-section of this earth line must be as large as possible and the length of the line kept as short as possible; every centimeter of line increases the residual voltage of the overvoltage protection device. In addition to the earth connection terminal, the MCZ ovp module also has a mounting rail contact for earthing directly to the TS 35 rail. The mounting rail should be mounted on an earthed metal back plate in order to achieve optimum earthing. The earth connection terminal of the MCZ ovp should be connected to the equipotential bonding every 600 mm in order to achieve a satisfactory protection level.

Fuse protection

Overvoltage protection devices for instrumentation and control systems frequently operate with a decoupling between the components. This decoupling is achieved with inductors or resistors. Decoupling, besides the types and routes of lines, compels us to employ fuse protection at the maximum level of the rated current for the overvoltage protection devices. Fuse protection for the PU series on the power feed side must be addressed. This information is given on a leaflet included with the respective PU module.

AZ/NZS 1768:2007

Parameters Explanations

Maximum continuous operating voltage (U_C)

This is the maximum voltage that can be continuously applied to the protector.

Rated load current (I_L)

Maximum continuous rated r.m.s. or d.c. current that can be supplied to a load connected to the protected output of an SPD.

Maximum surge current (I_{max})

This is the peak value of the 8/20 μ s waveshape current impulse that the protector can handle. This is the single shot rating.

Nominal surge current (I_n)

This is the peak value of the 8/20 μ s waveshape current impulse that the protector can handle for at least 15 impulses.

Voltage protection level (U_p)

This is the peak voltage that the protector protects to (limits the voltage to).

Temporary overvoltage (TOV)

This is the temporary voltage level above the normal power system voltage.

Current Rating (I_{imp})

This is the rating according to IEC standards using the 10/350 μ s impulse wave shape. It has been found that a factor of 10 may loosely be used to provide an indication of the equivalence between the 8/20 μ s waveshape and the 10/350 μ s I_{imp}

Class I (IEC 61643-1) with sparkover gaps
Cat C3 (AS/NZS 1768: 2007)

MAINSWITCH BOARD
LARGE INDUSTRIAL APPLICATIONS
 Service entrance, buildings in a high lightning area
 or fitted with a LPS

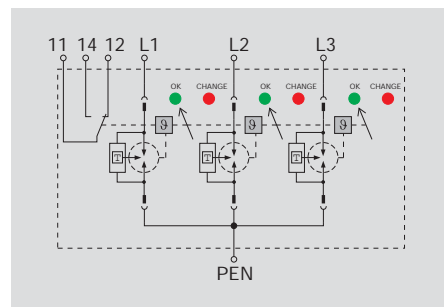
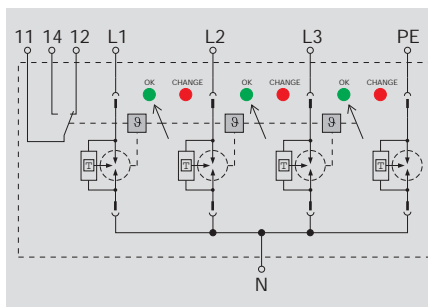
Class I lightning arrester

- The space-saving, enclosed lightning arrester switches mains follow currents up to 50 kA (10/350 μ s) and discharge currents up to 25 kA (10/350 μ s) and enables installation in lightning protection classes I and II
- The pluggable arrester ensures always correct readability and the shortest path to the potential earth
- With the status indicator on the arrester, defective modules can be quickly located and replaced, and signals passed on to the control room via the remote signalling system.

PU I 3+1 TSG+ 350 V 1,5 kV



PU I 3 TSG+ 350 V 1,5 kV



Technical data

Control side

Rated voltage (AC)
 Max. continuous voltage, U_C (AC)
 Temporary overvoltage - U_{TOV}
 Requirements class to IEC 61643-1
 Lightning test current I_{imp} (10/350 μ s) [L-PE]
 Lightning test current I_{imp} (10/350 μ s) [N-PE]
 Specific energy, per path
 Short-circuit strength with max. backup fuse
 Discharge current I_{PE} @ U_C
 Response time
 Fuse, max.
 Protection level Up (typical)
 Optical function indicator
 Signalling contact
 Tightening torque range
 Design
 Ambient temperature (operational)
 Storage temperature
 Standards
 Approvals

240 V
 350 V
 415 V
 Class I
 25 kA
 100 kA
 160 kJ/Ohm
 50 kA
 < 0.01 mA
 \leq 100 ns
 315 A gl
 1.5 kV
 green = OK; red = arrester faulty, replace
 1 CO 250 V AC, 1 A / 125 V DC, 30 mA
 4...4.5 Nm
 Insta
 -40 °C...+80 °C
 -40 °C...+80 °C
 IEC61643-1, EN61643-11
 UL1449

240 V / 415 V
 350 V
 415 V
 Class I
 25 kA
 160 kJ / Ohm
 50 kA
 < 0.01 mA
 \leq 100 ns
 315 A gl
 1.5 kV
 green = OK; red = arrester faulty, replace
 1 CO 250 V AC, 1 A / 125 V DC, 30 mA
 4...4.5 Nm
 Insta
 -40 °C...+80 °C
 -40 °C...+80 °C
 IEC61643-1, EN61643-11
 UL1449

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

25 / 2.5 / 35
 97 x 144 x 72.5

25 / 2.5 / 35
 97 x 108 x 72.5

Note

Ordering data

Type	Qty.	Order No.
PU I 3+1 TSG+ 350V 1,5kV	1	8960510000

Type	Qty.	Order No.
PU I 3 TSG+ 350V 1,5kV	1	8960490000

Accessories

Pluggable arrester: PU I 0 TSG+ 350V 1.5kV – 8960520000
 Pluggable arrester: PU I 0 N/PE TSG+ 350V – 1066040000

Pluggable replacement arrester: PU I 0 TSG+ 350V 1.5kV – 8960520000

MAINSWITCH BOARD

LARGE INDUSTRIAL APPLICATIONS

Service entrance, buildings in a high lightning area or fitted with a LPS

Class I (IEC 61643-1) with sparkover gaps
Cat C3 (AS/NZS 1768: 2007)

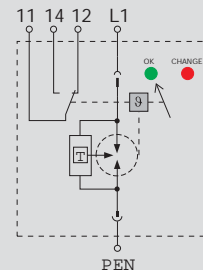
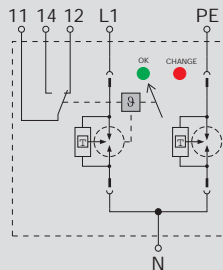
Class I lightning arrester

- The space-saving, enclosed lightning arrester switches mains follow currents up to 50 kA (10/350 μ s) and discharge currents up to 25 kA (10/350 μ s) and enables installation in lightning protection classes I and II
- The pluggable arrester ensures always correct readability and the shortest path to the potential earth
- With the status indicator on the arrester, defective modules can be quickly located and replaced, and signals passed on to the control room via the remote signalling system.

PU I 1+1 TSG+ 350 V 1,5 kV



PU I 1 TSG+ 350 V 1,5 kV



Technical data

Control side

Rated voltage (AC)
Max. continuous voltage, U_C (AC)
Temporary overvoltage - U_{TOV}
Requirements class to IEC 61643-1
Lightning test current I_{imp} (10/350 μ s) [L-PE]
Lightning test current I_{imp} (10/350 μ s) [N-PE]
Specific energy, per path
Short-circuit strength with max. backup fuse
Discharge current I_{PE} @ U_C
Response time
Fuse, max.
Protection level Up (typical)
Optical function indicator
Signalling contact
Tightening torque range
Design
Ambient temperature (operational)
Storage temperature
Standards
Approvals

240 V
350 V
415 V
Class I
25 kA
100 kA
160 kJ/Ohm
50 kA
< 0.01 mA
 \leq 100 ns
315 A gl
1.5 kV
green = OK; red = arrester faulty, replace
1 CO 250 V AC, 1 A / 125 V DC, 30 mA
4...4.5 Nm
Insta
-40 °C...+80 °C
-40 °C...+80 °C
IEC61643-1, EN61643-11
UL1449

240 V
350 V
415 V
Class I
25 kA
160 kJ / Ohm
50 kA
< 0.01 mA
 \leq 100 ns
315 A gl
1.5 kV
green = OK; red = arrester faulty, replace
1 CO 250 V AC, 1 A / 125 V DC, 30 mA
4...4.5 Nm
Insta
-40 °C...+80 °C
-40 °C...+80 °C
IEC61643-1, EN61643-11
UL1449

Dimensions

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

25 / 2.5 / 35
97 x 72 x 72.5

25 / 2.5 / 35
97 x 36 x 72.5

Note

Ordering data

Type	Qty.	Order No.
PU I 1+1 TSG+ 350V 1,5kV	1	8960500000

Type	Qty.	Order No.
PU I 1 TSG+ 350V 1,5kV	1	8960480000

Accessories

Pluggable arrester: PU I 0 TSG+ 350V 1.5kV – 8960520000
Pluggable arrester: PU I 0 N/PE TSG+ 350V – 1066040000

Pluggable replacement arrester: PU I 0 TSG+ 350V 1.5kV – 8960520000

Class I (IEC 61643-1) with sparkover gaps
Cat C3 (AS/NZS 1768: 2007)

MAINSWITCH BOARD
LARGE INDUSTRIAL APPLICATIONS

Service entrance, buildings in a high lightning area
or fitted with a LPS

Class I with triggered sparkover gap

Class I lightning arrester

- encapsulated version
- no decoupling necessary thanks to trigger electronics
- suitable for networks with high short-circuit currents (for PU 1 TSG + 50 kA only)
- suitable for lightning protection zones I, II, III, IV

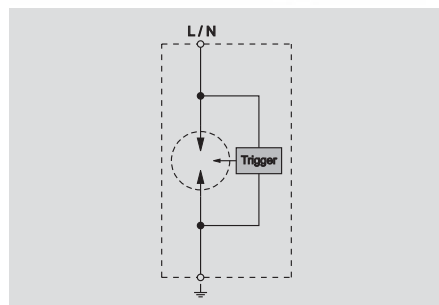
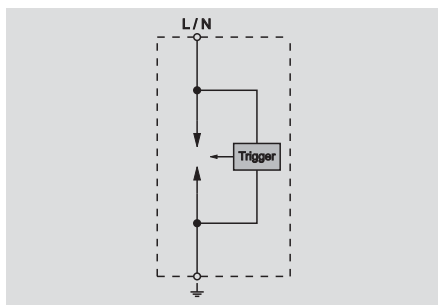
PU 1 TSG + 50 kA / 0.9 kV - 330 V

Primary protection at point of entry



PU 1 TSG 35 kA / 0.9 kV - 260 V

Primary protection at point of entry



Technical data

Rated voltage (AC)
 max. continuous voltage, U_c
 Requirements class to IEC 61643-1
 Lightning test voltage I_{imp} (10/350 μs)
 Specific energy, per path
 Short-circuit current extinction without back-up fuse
 Short-circuit strength with max. back-up fuse
 Response time
 Fuse, max.
 Protection level Up (typical)
 Optical function indicator
 Colour
 Operating temperature, min./max.
 Storage temperature, min./max.
 Approvals

330 V
 330 V
 Class I
 50 kA with 25 As charge
 625.00 kJ/Ω
 50 kA / 50 Hz
 25 kA_{eff}
 ≤ 150 ns
 250 A gl
 900.00 V
 green LED
 black
 -40 °C/85 °C
 -40 °C/85 °C
 cURus;File E198315;KEMA

230 V
 260 V
 Class I
 35 kA with 17.5As charge
 305.00 kJ/Ω
 3 kA / 50 Hz
 25 kA_{eff}
 ≤ 1 μs
 125 A gl
 900.00 V
 green LED
 grey
 -40 °C/85 °C
 -40 °C/85 °C
 cURus;File E198315;KEMA

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

35 / 10 / 35
 150 x 35 x 80

35 / 10 / 35
 91 x 18 x 63

Note

100mm spacing either side of module required

Ordering data

Version

Type	Qty.	Order No.
PU1 TSG Plus 330 VAC 0,9kV	1	8561220000

Type	Qty.	Order No.
PU 1 TSG 35kA / 0,9kV	1	8561260000

Note

Cross-connection QB 18-4 order No. 8619440000
 Cross-connection QB 18-6 order No. 8619450000

Cross-connection QB 18-4 order No. 8619440000
 Cross-connection QB 18-6 order No. 8619450000

Accessories

Note

Designation BZ18, PE PE PE PE PE, Order No. 8619470000
 Designation BZ18, L1 L2 L3 N PE, order No. 8619460000

Designation BZ18, PE PE PE PE PE, Order No. 8619470000
 Designation BZ18, L1 L2 L3 N PE, order No. 8619460000

MAINSWITCH BOARD MEDIUM INDUSTRIAL AND COMMERCIAL APPLICATIONS

Service entrance, building fed by long overhead service lines or medium industrial and commercial premises

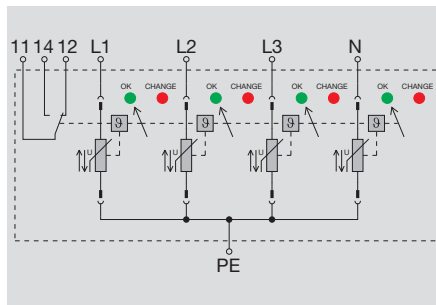
Class I + II (IEC 61643-1) with lightning arrester
Cat C2 (AS/NZS 1768: 2007)

PU I Series: Combi-arrester with varistor technology for Class I

- Class I + II plug-in arrester for lightning protection equipotential bonding
- Suitable for lightning protection zone III and IV (50 kA)
- High discharge current of 12.5kA (10/350µs) according to IEC 60364-5-53
- Low drop voltage of <1.3kV, and thus also usable for Class II surge protection
- Non-blow-out arrester
- No decoupling is necessary for follow-up class II and III arresters
- 180° rotatable plug in arrester
- red/green function indicator
- optional with remote signal contact

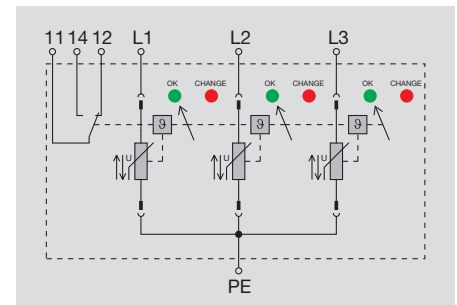
PU I 4/R 280 V / 12.5 kA

Primary protection at point of entry



PU I 3/R 280 V / 12.5 kA

Primary protection at point of entry



Technical data

Voltage, Un per path	230 V AC
Voltage, Uc per path	280 V AC
Requirements class	1 (B arrester) II (C arrester) [T1, T2]
Lightning test current Iimp. (10/350s)	12.5kA
Specific energy, per path, type	45kJ/Ohm
Load, type	6 As
Discharge current, In (8/20s)	30 kA
Discharge current, Imax (8/20s)	50 kA
Response time, ta, type	25 ns
Temporary overvoltage (TOV)	335 V
Max. back-up fuse	160 A gL/gG
Short-circuit current resistance with max. back-up fusing	25 kA
Protection level Up, at Ip	< 1300 V
Optical function indicator	green = OK; red = arrester defective, replace
Signalling contact 1CO at PU 1 x R	250 V/1 A
Mains voltage TN/TT network	230/400 V
Design	Insta IP20
Length x width x height (mm)	90 x 72 x 61
Colour	Base: Black, Arrester: Orange
Operating temperature	-40°C ... 70°C
Storage temperature	-40°C ... 70°C
Tightening torque	3 Nm
Solid	4 ... 10mm ²
Stranded	4 ... 25mm ²
Finely stranded	4 ... 25mm

Voltage, Un per path	230 V AC
Voltage, Uc per path	280 V AC
Requirements class	1 (B arrester) II (C arrester) [T1, T2]
Lightning test current Iimp. (10/350s)	12.5kA
Specific energy, per path, type	45kJ/Ohm
Load, type	6 As
Discharge current, In (8/20s)	30 kA
Discharge current, Imax (8/20s)	50 kA
Response time, ta, type	25 ns
Temporary overvoltage (TOV)	335 V
Max. back-up fuse	160 A gL/gG
Short-circuit current resistance with max. back-up fusing	25 kA
Protection level Up, at Ip	< 1300 V
Optical function indicator	green = OK; red = arrester defective, replace
Signalling contact 1CO at PU 1 x R	250 V/1 A
Mains voltage TN/TT network	230/400 V
Design	Insta IP20
Length x width x height (mm)	90 x 54 x 61
Colour	Base: Black, Arrester: Orange
Operating temperature	-40°C ... 70°C
Storage temperature	-40°C ... 70°C
Tightening torque	3 Nm
Solid	6 ... 10mm ²
Stranded	4 ... 25mm ²
Finely stranded	4 ... 25mm ²

Voltage, Un per path	230 V AC
Voltage, Uc per path	280 V AC
Requirements class	1 (B arrester) II (C arrester) [T1, T2]
Lightning test current Iimp. (10/350s)	12.5kA
Specific energy, per path, type	45kJ/Ohm
Load, type	6 As
Discharge current, In (8/20s)	30 kA
Discharge current, Imax (8/20s)	50 kA
Response time, ta, type	25 ns
Temporary overvoltage (TOV)	335 V
Max. back-up fuse	160 A gL/gG
Short-circuit current resistance with max. back-up fusing	25 kA
Protection level Up, at Ip	< 1300 V
Optical function indicator	green = OK; red = arrester defective, replace
Signalling contact 1CO at PU 1 x R	250 V/1 A
Mains voltage TN/TT network	230/400 V
Design	Insta IP20
Length x width x height (mm)	90 x 54 x 61
Colour	Base: Black, Arrester: Orange
Operating temperature	-40°C ... 70°C
Storage temperature	-40°C ... 70°C
Tightening torque	3 Nm
Solid	6 ... 10mm ²
Stranded	4 ... 25mm ²
Finely stranded	4 ... 25mm ²

Note: Tested in accordance with IEC 61643-1, EN 61643-11

Class I + II (CB report), CE
More nominal voltages on demand

Class I + II (CB report), CE
More nominal voltages on demand

Ordering data

Version	
	without remote signalling contact
	with remote signalling contact

Type	Qty.	Order No.
PU I 4 280V/12.5kA	1	8859000000
PU I 4 R 280V/12.5kA	1	8859020000

Type	Qty.	Order No.
PU I 3 280V/12.5kA	1	8858990000
PU I 3 R 280V/12.5kA	1	8859010000

Note

Accessories

Note Plug-in spare arrester PU I 0 280V / 12.5kA - 8859120000

Plug-in spare arrester PU I 0 280V / 12.5kA - 8859120000

Plug-in spare arrester PU I 0 280V / 12.5kA - 8859120000

Class II (IEC 61643-1) with varistors
Cat C1, B (AS/NZS 1768: 2007)

MAINSWITCH BOARD AND DISTRIBUTION BOARDS

Light Industrial, Commercial and Domestic Applications

C1 - Service entrance other than C2/C3, also

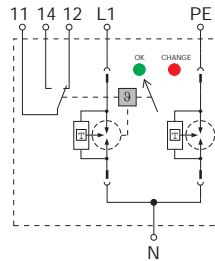
B - Major submains, short final subcircuits and load centres

Overvoltage protection of class II
 with U_c : 280 V

- plug-in arrester
- coded bases for voltage and class
- high energy absorption with short response time
- 180° rotatable plug in arrester
- installation in DIN distribution boards
- thermal safety function
- coordination between class I with U_p : < 900 V

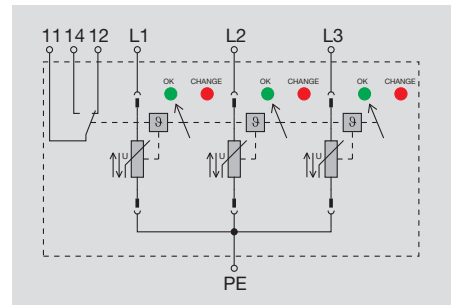
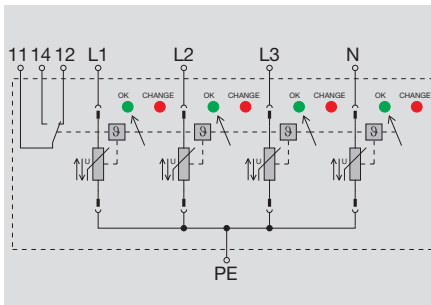
PU II 4/R 280 V / 40 kA

Protection, Line to PE, N to PE



PU II 3/R 280 V / 40 kA

Protection, Line to PE,



Technical data

Rated voltage
 Maximum continuous voltage, U_c (AC)
 max. continuous DC voltage
 Requirements class to IEC 61643-1
 Rated discharge current (8/20 μ s)
 Limiting discharge current (8/20 μ s)
 Discharge current, max. (8/20 μ s)
 Response time
 Fuse, max.
 Protection level at I_n (U_p)
 Protection level at 5 kA (U_p)
 Temporary overvoltage - U_{TOV}
 Optical function indicator
 Signalling contact
 Design
 Colour
 Operating temperature
 Storage temperature
 Approvals

230 V / 400 V
 280 V
 350 V
 Class II *
 20 kA
 40 kA
 150 kA
 ≤ 25 ns
 125 A gL
 < 1450 V
 < 850 V
 335 V
 green = OK; red = arrester faulty, replace
 250 V 1A 1CO at PU II 4 R
 4 TE ;Installation housing
 Base: Black, Arrester: Orange
 -40°C ... 70°C
 -40°C ... 70°C
 CE, ÖVE, cURus in preparation

230 V / 400 V
 280 V
 350 V
 Class II *
 20 kA
 40 kA
 110 kA
 ≤ 25 ns
 125 A gL
 < 1450 V
 < 850 V
 335 V
 green = OK; red = arrester faulty, replace
 250 V 1A 1CO at PU II 3 R
 3 TE ;Installation housing
 Base: Black, Arrester: Orange
 -40°C ... 70°C
 -40°C ... 70°C
 CE, ÖVE, cURus in preparation

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

Without signal. contact	With signal. contact
25 / 4 / 25	25 / 4 / 25
90 x 72 x 64	97 x 72 x 64

Without signal. contact	With signal. contact
25 / 4 / 25	25 / 4 / 25
90 x 54 x 64	97 x 54 x 64

Note

* additionally tested to class III

* additionally tested to class III

Ordering data

Version
 without remote signalling contact
 with remote signalling contact

Type	Qty.	Order No.
PU II 4 280V/40kA	1	8859640000
PU II 4 R 280V/40kA	1	8859660000

Type	Qty.	Order No.
PU II 3 280V/40kA	1	8859630000
PU II 3 R 280V/40kA	1	8859650000

Note

Accessories

Note

Plug-in spare arrester PU II 0 280V / 40kA - 8859750000

Plug-in spare arrester PU II 0 280V / 40kA - 8859750000

MAINSWITCH BOARD AND DISTRIBUTION BOARDS

Light Industrial, Commercial and Domestic Applications

C1 - Service entrance other than C2/C3, also

B - Major submains, short final subcircuits and load centres

Class II (IEC 61643-1) with varistors

Cat C1, B (AS/NZS 1768: 2007)

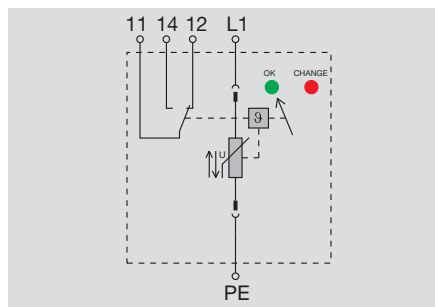
Overvoltage protection of class II

with U_c : 280 V

- plug-in arrester
- coded bases for voltage and class
- high energy absorption with short response time
- 180° rotatable plug in arrester
- installation in DIN distribution boards
- thermal safety function
- coordination between class I with U_p : < 900 V

PU II 1/R 280 V / 40 kA

Protection, Line to PE



Technical data

Rated voltage
 Maximum continuous voltage, U_c (AC)
 max. continuous DC voltage
 Requirements class to IEC 61643-1
 Rated discharge current (8/20 μ s)
 Limiting discharge current (8/20 μ s)
 Discharge current, max. (8/20 μ s)
 Response time
 Fuse, max.
 Protection level at I_n (U_p)
 Protection level at 5 kA (U_p)
 Temporary overvoltage - U_{TOV}
 Optical function indicator
 Signalling contact
 Design
 Colour
 Operating temperature
 Storage temperature
 Approvals

230 V
 280 V
 350 V
 Class II *
 20 kA
 40 kA
 40 kA
 ≤ 25 ns
 125 A gL
 < 1450 V
 < 850 V
 335 V
 green = OK; red = arrester faulty, replace
 250 V 1A 1CO at PU II 1 R
 1 TE ;Installation housing
 Base: Black, Arrester: Orange
 -40°C ... 70°C
 -40°C ... 70°C
 CE, ÖVE, cURus in preparation

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

Without signal. contact	With signal. contact
25 / 4 / 25	25 / 4 / 25
90 x 18 x 64	97 x 18 x 64

Note

* additionally tested to class III

Ordering data

Version
 without remote signalling contact
 with remote signalling contact

Type	Qty.	Order No.
PU II 1 280V/40kA	1	8859690000
PU II 1 R 280V/40kA	1	8859700000

Note

Accessories

Note

Plug-in spare arrester PU II 0 280V / 40kA - 8859750000

C

Class II (IEC 61643-1) with varistors
Cat C1, B (AS/NZS 1768: 2007)

MAINSWITCH BOARD AND DISTRIBUTION BOARDS

Light Industrial, Commercial and Domestic Applications

C1 - Service entrance other than C2/C3, also

B - Major submains, short final subcircuits and load centres

Overvoltage protection of class II
 with U_c : 280 V

- failure warning through yellow LED
- plug-in arrester
- coded bases for voltage and class
- high energy absorption with short response time
- 180° rotatable plug in arrester
- installation in DIN distribution boards
- thermal safety function
- coordination between class I with U_p : < 900 V

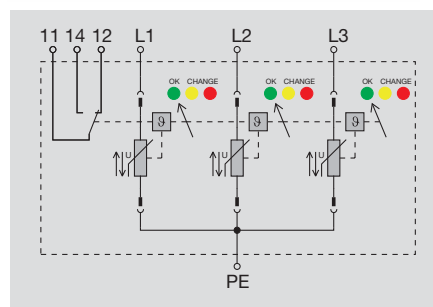
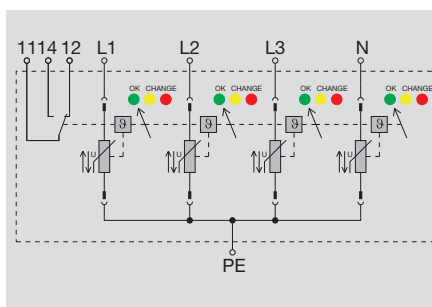
PU II 4 EWS/R EWS 280 V / 40 kA

Early warning system with relay O/P
 Protection, Line to PE, N to PE



PU II 3 EWS/R EWS 280 V / 40 kA

Early warning system with relay O/P
 Protection, Line to PE



Technical data

Rated voltage
 Maximum continuous voltage, U_c (AC)
 max. continuous DC voltage
 Requirements class to IEC 61643-1
 Rated discharge current (8/20 μ s)
 Limiting discharge current (8/20 μ s)
 Discharge current, max. (8/20 μ s)
 Response time
 Fuse, max.
 Protection level at I_n (U_p)
 Protection level at 5 kA (U_p)
 Temporary overvoltage - U_{TOV}
 Optical function indicator
 Signalling contact
 Design
 Colour
 Operating temperature
 Storage temperature
 Approvals

230 V / 400 V
 280 V
 350 V
 Class II *
 20 kA
 40 kA
 150 kA
 ≤ 25 ns
 125 A gL
 < 1450 V
 < 850 V
 335 V
 green = ok, yellow = warning, red = arrester faulty, replace
 250 V 1A 1CO at PU II 4 R
 4 TE ;Installation housing
 Base: Black, Arrester: Orange
 -40°C ... 70°C
 -40°C ... 70°C
 CE, ÖVE, cURus in preparation

230 V / 400 V
 280 V
 350 V
 Class II *
 20 kA
 40 kA
 110 kA
 ≤ 25 ns
 125 A gL
 < 1450 V
 < 850 V
 335 V
 green = ok, yellow = warning, red = arrester faulty, replace
 250 V 1A 1CO at PU II 3 R
 3 TE ;Installation housing
 Base: Black, Arrester: Orange
 -40°C ... 70°C
 -40°C ... 70°C
 CE, ÖVE, cURus in preparation

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

Without signal. contact	With signal. contact
25 / 4 / 25	25 / 4 / 25
90 x 72 x 64	97 x 72 x 64

Without signal. contact	With signal. contact
25 / 4 / 25	25 / 4 / 25
90 x 54 x 64	97 x 54 x 64

Note

* additionally tested to class III

* additionally tested to class III

Ordering data

Version with remote signalling contact

Type	Qty.	Order No.
PU II 4 R EWS 280V/40kA	1	8859830000

Type	Qty.	Order No.
PU II 3 R EWS 280V/40kA	1	8859820000

Accessories

Note

Plug-in spare arrester PU II 0 EWS 280V/40kA - 8889350000

MAINSWITCH BOARD AND DISTRIBUTION BOARDS

Light Industrial, Commercial and Domestic Applications

C1 - Service entrance other than C2/C3, also

B - Major submains, short final subcircuits and load centres

Class II (IEC 61643-1) with varistors

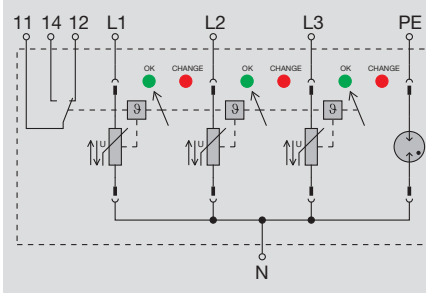
Cat C1, B (AS/NZS 1768: 2007)

Overvoltage protection of class II
with U_c : 280 V

- plug-in arrester
- coded bases for voltage and class
- high energy absorption with short response time
- 180° rotatable plug in arrester
- installation in DIN distribution boards
- thermal safety function
- coordination between class I with U_p : < 900 V

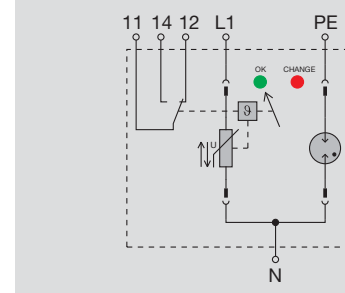
PU II 3+1/R 280 V / 40 kA

Universal



PU II 1+1/R 280 V / 40 kA

Universal



Technical data

Rated voltage
Maximum continuous voltage, U_c (AC)
max. continuous DC voltage
Requirements class to IEC 61643-1
Rated discharge current (8/20 μ s)
Limiting discharge current (8/20 μ s)
Discharge current, max. (8/20 μ s)
Response time
Fuse, max.
Maximum continuous voltage, U_c (N-PE)
Limiting leakage current per path 8/20 μ s (N-PE)
Protection level for In (N-PE)
Protection level at In (U_p)
Protection level at 5 kA (U_p)
Temporary overvoltage - U_{TOV}
Optical function indicator
Signalling contact
Design
Colour
Operating temperature
Storage temperature
Approvals

230 V / 400 V
280 V
350 V
Class II *
20 kA
40 kA
150 kA
 ≤ 25 ns
125 A gL
260 V
40 kA
< 1350 V
< 1450 V
< 850 V
335 V
green = OK; red = arrester faulty, replace
250 V 1A 1CO at PU II 3+1 R
4 TE ; installation housing
Base: Black, Arrester: Orange / Blue
-40°C ... 70°C
-40°C ... 70°C
CE, ÖVE, cURus in preparation

230 V
280 V
350 V
Class II *
20 kA
40 kA
75 kA
 ≤ 25 ns
125 A gL
260 V
40 kA
< 1350 V
< 1450 V
< 850 V
335 V
green = OK; red = arrester faulty, replace
250 V 1A 1CO at PU II 1+1 R
2 TE ; installation housing
Base: Black, Arrester: Orange / Blue
-40°C ... 70°C
-40°C ... 70°C
CE, ÖVE, cURus in preparation

Dimensions

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

Without signal. contact	With signal. contact
25 / 4 / 25	25 / 4 / 25
90 x 72 x 64	97 x 72 x 64

Without signal. contact	With signal. contact
25 / 4 / 25	25 / 4 / 25
90 x 36 x 64	97 x 36 x 64

Note

* additionally tested to class III

* additionally tested to class III

Ordering data

Version
without remote signalling contact
with remote signalling contact

Type	Qty.	Order No.
PU II 3+1 280V/40kA	1	8859710000
PU II 3+1R 280V/40kA	1	8859720000

Type	Qty.	Order No.
PU II 1+1 280V/40kA	1	8859730000
PU II 1+1R 280V/40kA	1	8859740000

Note

Accessories

Note

Plug-in spare arrester PU II 0 280V / 40kA - 8859750000
Plug-in spare arrester PU II 0 N-PE 280V / 40kA - 8871940000

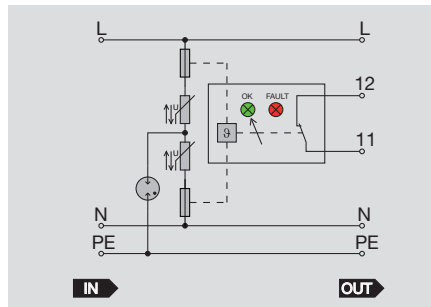
Plug-in spare arrester PU II 0 280V / 40kA - 8859750000
Plug-in spare arrester PU II 0 N-PE 280V / 40kA - 8871940000

Overvoltage protection of class III

- Installation location in vicinity of device to be protected
- With remote alarm signalling contact

PU III R 230V/6kV

Long final subcircuits and equipment protection



Technical data

Rated voltage (AC)	230 V
Rated voltage (DC)	
Maximum continuous voltage, U _c (AC)	280 V
max. continuous DC voltage	
Requirements class to IEC 61643-1	Class III
Combined pulse U _{oc}	6 kV
Rated discharge current per path (8/20 μs)	2.50 kA
Discharge current, max. (8/20 μs)	5 kA
Response time	≤ 150 ns
Fuse, max.	16 A
Protection level Up (typical)	< 1400 V
Optical function indicator	green LED = OK
Signalling contact	250 V 1A 1CO
Design	1 TE ;Installation housing
Colour	orange / black
Operating temperature, min./max.	-5 °C/40 °C
Storage temperature, min./max.	-5 °C/40 °C
Approvals	CE;cULus in preparation

Dimensions

Clamping range (rating- / min. / max.)	mm ²
Length x width x height	mm

Note

Screw Connection

2,5 / 0,5 / 2,5
102 x 18 x 71.5

PU III in preparation

Ordering data

Type	Qty.	Order No.
PU III R 230V/6kV	1	8860330000

Note

Accessories

Note

MACHINERY AND EQUIPMENT

Long final sub-circuits and electricity outlets

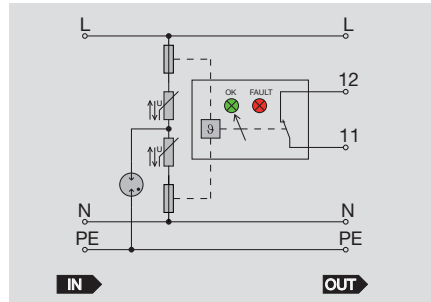
Class III (IEC 61643-1) with varistors
Cat A (AS/NZS 1768: 2007)

Overvoltage protection of class III

- Suitable for protection of terminal equipment
- Installation location in vicinity of device to be protected
- With remote signalling contact

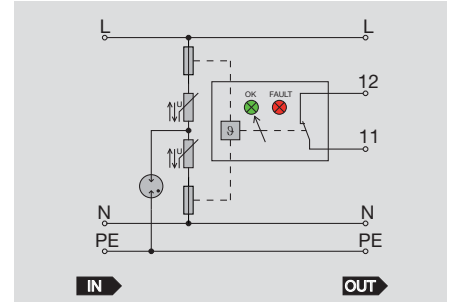
PU III R 24V/4kV

Long final subcircuits and equipment protection



PU III R 12V/4kV

Long final subcircuits and equipment protection



Technical data

Rated voltage (AC)
Rated voltage (DC)
Maximum continuous voltage, U_c (AC)
max. continuous DC voltage
Requirements class to IEC 61643-1
Combined pulse U_{oc}
Rated discharge current per path (8/20 μ s)
Response time
Fuse, max.
Protection level Up (typical)
Optical function indicator
Signalling contact
Design
Colour
Operating temperature, min./max.
Storage temperature, min./max.
Approvals

24 V
38 V
32 V
38 V
Class III
4 kV
2 kA
150 ns
16 A
< 550 V
green LED = OK
250 V 1A 1CO
1 TE ;Installation housing
orange / black
-5 °C/40 °C
-5 °C/40 °C
CE;cULus in preparation

12 V
14 V
20 V
18 V
Class III
3 kV
2 kA
 \leq 150 ns
16 A
< 550 V
green LED = OK
250 V 1A 1CO
1 TE ;Installation housing
orange / black
-5 °C/40 °C
-5 °C/40 °C
CE;cULus in preparation

Dimensions

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

Screw Connection

2.5 / 0.5 / 2.5
102 x 18 x 71.5

Screw Connection

2.5 / 0.5 / 2.5
102 x 18 x 71.5

Note

Ordering data

Type	Qty.	Order No.
PU III R 24V/6kV	1	8860360000

Type	Qty.	Order No.
PU III R 12V/6kV	1	8883740000

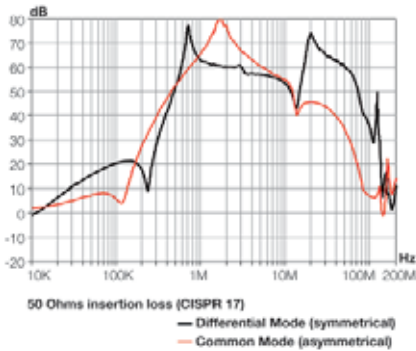
Note

Accessories

Note

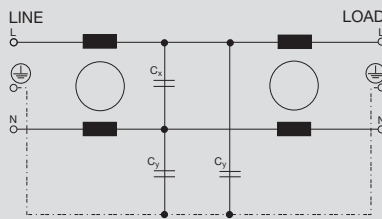
C

Overvoltage protection mains filter



WAVEFILTER 10 A 250 V

Powerline noise filter for equipment



C

Technical data

Rated voltage (AC/DC)
 Rated current
 Capacitance
 Inductance L and L1
 Leakage current at Un
 Test voltage P/N-PE
 Test voltage P-N
 Operating temperature, min./max.
 Approvals

Rated voltage (AC/DC)	250 V
Rated current	10.00 A
Capacitance	C _x : 470 nF / C _y : 4,7 nF
Inductance L and L1	0.80 mH
Leakage current at Un	190.00 µA
Test voltage P/N-PE	2000.00 V AC
Test voltage P-N	1700.00 V DC
Operating temperature, min./max.	-20 °C/40 °C
Approvals	cURus

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

2.5 / 0.5 / 2.5
 90 x 22.5 x 73.4

Note

see attenuation curve

Ordering data

Version

Type	Qty.	Order No.
WAVEFILTER 10A	1	8614770000

Note

Accessories

Note

CONTROL SIGNAL AND INSTRUMENTATION CIRCUITS

Analogue, Current Loops and Digital Signals (4(0) to 20 mA, 0 to 10 volts, digital I/O)

MC Series :

Class III (IEC 61643-1)

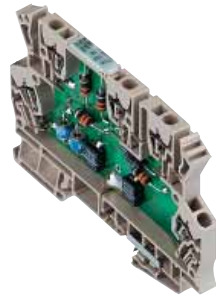
Cat A (AS/NZS 1768: 2007)

3 or 1 stage protection with tension clamp connection.

- 6mm Slimline overvoltage protection terminal with tension clamp connection
- Fast mounting rail contact with earth contact.
- Cross-connectable using ZQV

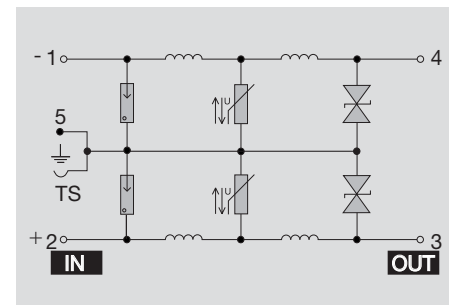
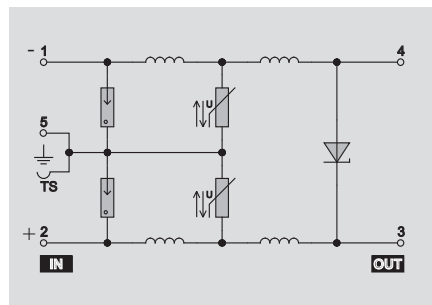
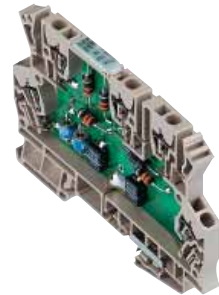
MCZ OVP CL 24 V DC 0.5 A

Protection for analogue signals (4-20mA/0-10V etc)



MCZ OVP SL 230 V UC 1.25 A

Protection for digital I/O



Technical data

Rated voltage (AC)
 Rated voltage (DC)
 Maximum continuous voltage, U_c (AC)
 Operating current, I_{max}
 Volume Resistivity
 Gas Discharge Tube
 Varistor
 Suppression Diodes
 Cut-Off Frequency (-3dB) at load impedance
 Discharge current, max. (8/20 μ s)
 Protection level on output side sym. input 1 kV/ μ s, typ.
 Protection level on output side sym. input 8/20 μ s, typ.
 Protection level on output side unsym. input 1 kV/ μ s, typ.
 Protection level on output side unsym. input 8/20 μ s, typ.
 Protection level on output side sym. input 10/350 μ s, typ.
 Protection level on output side unsym. input 10/350 μ s, typ.
 Lightning test voltage 1 imp (10/350 μ s)
 Specification class to IEC 61643-21
 Design
 Storage temperature, min./max.
 Operating temperature, min./max.
 Approvals

24 V
28 V
0.50 A
2.50 \square
Yes
Yes
Yes
500.0 kHz 240 \square
5 kA
40 V
65 V
40 V
65 V
1 kA
D1
Terminal
-25 °C/85 °C
-25 °C/60 °C
CE; cURus in preparation

230 V
230 V
250 V
1.25 A
1.00 \square
Yes
Yes
Yes
500.0 kHz 240 \square
5 kA
840 V
1420 V
420 V
710 V
<0.5 kA
D1
Terminal
-25 °C/85 °C
-25 °C/60 °C
CE; cURus in preparation

Dimensions	
Clamping range (rating- / min. / max.)	mm ²
Length x width x height	mm

Tension Clamp Connection	
1.5 / 0.5 / 1.5	
91 x 6 x 63.5	

Tension Clamp Connection	
1.5 / 0.5 / 1.5	
91 x 6 x 63.5	

Note

See derating Curve

See derating Curve

Ordering data

Type	Qty	Order No.
MCZ OVP CL 24VDC 0.5A	10	8448920000

Type	Qty	Order No.
MCZ OVP SL 230VUC 1.25A	10	8449090000

Note

Accessories

Note

End Plate AP MCZ 1.5: 8389030000

End Plate AP MCZ 1.5: 8389030000

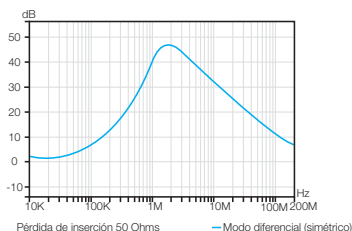
MC Series :
Class III (IEC 61643-1)
Cat A (AS/NZS 1768: 2007)

CONTROL SIGNAL AND INSTRUMENTATION CIRCUITS

Analogue, Current Loops and Digital Signals (4(0) to 20 mA, 0 to 10 volts, digital I/O)

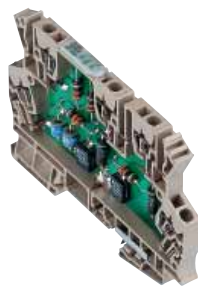
3 or 1 stage protection with tension clamp connection.

- 6mm Slimline overvoltage protection terminal with tension clamp connection
- Fast mounting rail contact with earth contact.
- Cross-connectable using ZQV



MCZ OVP SL 24 V DC 0.5 A

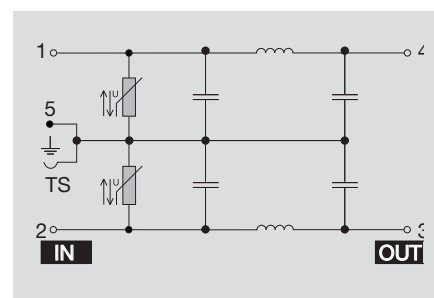
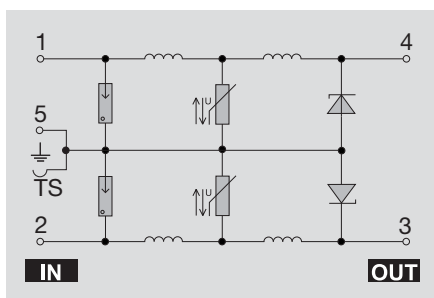
Protection for digital I/O



MCZ OVP CL 24 V DC 0.5 A

Voltage/RF

Device Filter; 24VDC/0.5A



Technical data

Rated voltage (AC)
 Rated voltage (DC)
 Maximum continuous voltage, U_c (AC)
 Operating current, I_{max}
 Volume Resistivity
 Gas Discharge Tube
 Varistor
 Suppression Diodes
 Cut-Off Frequency (-3dB) at load impedance
 Discharge current, max. (8/20 μ s)
 Protection level on output side sym. input 1 kV/ μ s, typ.
 Protection level on output side sym. input 8/20 μ s, typ.
 Protection level on output side unsym. input 1 kV/ μ s, typ.
 Protection level on output side unsym. input 8/20 μ s, typ.
 Protection level on output side sym. input 10/350 μ s, typ.
 Protection level on output side unsym. input 10/350 μ s, typ.
 Lightning test voltage 1 imp (10/350 μ s)
 Specification class to IEC 61643-21
 Design
 Storage temperature, min./max.
 Operating temperature, min./max.
 Approvals

Rated voltage (AC)	24 V
Rated voltage (DC)	28 V
Maximum continuous voltage, U_c (AC)	0.50 A
Operating current, I_{max}	2.50 \square
Volume Resistivity	Yes
Gas Discharge Tube	Yes
Varistor	Yes
Suppression Diodes	Yes
Cut-Off Frequency (-3dB) at load impedance	500.0 kHz 240 \square
Discharge current, max. (8/20 μ s)	5 kA
Protection level on output side sym. input 1 kV/ μ s, typ.	80 V
Protection level on output side sym. input 8/20 μ s, typ.	130 V
Protection level on output side unsym. input 1 kV/ μ s, typ.	40 V
Protection level on output side unsym. input 8/20 μ s, typ.	65 V
Protection level on output side sym. input 10/350 μ s, typ.	40 V
Protection level on output side unsym. input 10/350 μ s, typ.	42 V
Lightning test voltage 1 imp (10/350 μ s)	1 kA
Specification class to IEC 61643-21	D1
Design	Terminal
Storage temperature, min./max.	-25 °C/85 °C
Operating temperature, min./max.	-25 °C/60 °C
Approvals	CE; cURus in preparation

Rated voltage (AC)	24 V
Rated voltage (DC)	24 V
Maximum continuous voltage, U_c (AC)	26 V
Operating current, I_{max}	0.50 A
Volume Resistivity	1.50 \square
Gas Discharge Tube	No
Varistor	Yes
Suppression Diodes	No
Cut-Off Frequency (-3dB) at load impedance	50.0 kHz 50 \square
Discharge current, max. (8/20 μ s)	0.5 kA
Protection level on output side sym. input 1 kV/ μ s, typ.	140 V
Protection level on output side sym. input 8/20 μ s, typ.	190 V
Protection level on output side unsym. input 1 kV/ μ s, typ.	70 V
Protection level on output side unsym. input 8/20 μ s, typ.	100 V
Lightning test voltage 1 imp (10/350 μ s)	
Specification class to IEC 61643-21	
Design	Terminal
Storage temperature, min./max.	-25 °C/85 °C
Operating temperature, min./max.	-25 °C/60 °C
Approvals	CE; cURus in preparation

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

Tension Clamp Connection

1.5 / 0.5 / 1.5
 91 x 6 x 63.5

Tension Clamp Connection

1.5 / 0.5 / 1.5
 91 x 6 x 63.5

Note

See derating Curve

See derating Curve

Ordering data

Type	Qty	Order No.
MCZ OVP SL 24VDC 0.5A	10	8448940000

Type	Qty	Order No.
MCZ OVP FILTER 24V 0.5A	10	8449100000

Note

Accessories

Note

End Plate
 AP MCZ 1.5: 8389030000

End Plate
 AP MCZ 1.5: 8389030000

CONTROL SIGNAL AND INSTRUMENTATION CIRCUITS

Analogue, Current Loops and Digital Signals (4(0) to 20 mA, 0 to 10 volts, digital I/O)

DK Series :

Class III (IEC 61643-1)

Cat A (AS/NZS 1768: 2007)

3 stage protection with screw connection.

- Slimline overvoltage protection terminal with screw connection

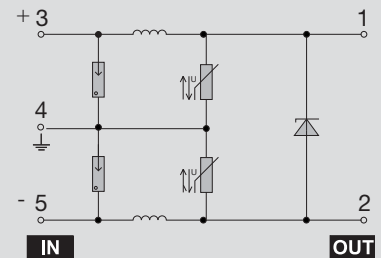
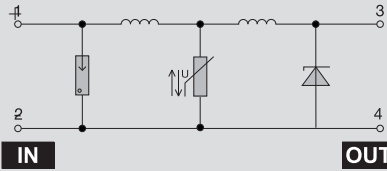
DKU 24 V DC 0.3 A

Protection for digital I/O



DKU DK5 24 V DC 0.3 A

Protection for analogue signals (4-20mA/0-10V)



Technical data

Rated voltage (AC)
 Rated voltage (DC)
 Maximum continuous voltage, U_c (AC)
 Operating current, I_{max}
 Volume Resistivity
 Gas Discharge Tube
 Varistor
 Suppression Diodes
 Cut-Off Frequency (-3dB) at load impedance
 Discharge current, max. (8/20 μ s)
 Protection level on output side sym. input 1 kV/ μ s, typ.
 Protection level on output side sym. input 8/20 μ s, typ.
 Protection level on output side unsym. input 1 kV/ μ s, typ.
 Protection level on output side unsym. input 8/20 μ s, typ.
 Design
 Type of connection
 Storage temperature, min./max.
 Operating temperature, min./max.

24 V
 28 V
 0.30 A
 3.00 \square
 Yes
 Yes
 Yes
 500.0 kHz 240 \square
 5 kA
 35 V
 45 V
 35 V
 45 V
 Terminal
 Screw Connection
 -25 °C/85 °C
 -25 °C/60 °C

24 V
 28 V
 0.30 A
 3.00 \square
 Yes
 Yes
 Yes
 400.0 kHz 240 \square
 5 kA
 30 V
 45 V
 35 V
 45 V
 Terminal
 Screw Connection
 -25 °C/85 °C
 -25 °C/60 °C

Type of Connection	
Clamping range (rating- / min. / max.)	mm ²
Length x width x height	mm

2.5 / 0.5 / 4
 65 x 6 x 60

2.5 / 0.5 / 4
 76.8 x 6 x 72

Note

Ordering data

Type	Qty	Order No.
DKU 35 24VDC In: 0.22A	10	8015810000

Type	Qty	Order No.
DKU DK5 24VDC 0.3A	10	8238340000

Note

DKU 35 Height 57mm

DKU DK5 TS35, 68mm high 57mm

Accessories

Note

End Plate
 AP DKT4 PA: 0687560000

End Plate
 AP DKT5 PA BE: 4036780000

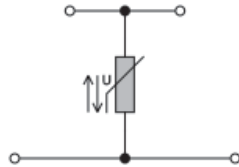
DK Series :

ARC SUPPRESSION

Contactor or Relay Contact arc suppression

DK series with varistor in terminal design

Low level control circuit Surge Protection.
Eg, Arc suppression of contacts



C

Rated data DK 4 U

No.	Max. operating voltage at varistor		Max. energy and surge current for 8/20 μ s impulse		Max. energy and surge current for 10 000 8/20 μ s impulses		Max. varistor voltage at 10 A		Capacity	Order No.
	U_{eff}	U_{-}	Energy	Surge cur.	Energy	Surge cur.	Disch. cur.	V		
Type	V	V	J	A	J	A	V	V	pF	TS 35
S 20										
Preferred types 24 V	30	38	9,0	2000	0,35	125	85	47	13000	9401650000
Preferred types 230 V	275	350	150,0	8000	2,9	300	640	430	900	9401780000

Overall width 12 mm

BACK E.M.F. SUPPRESSION FILTER

Solenoids, contactor or large coils

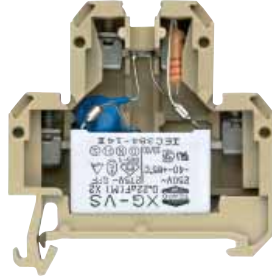
DK Series :

DK series
with electronic components
(other versions on request)



DK 4 RC-VDR

Low level control Circuit Surge Protection
Eg, arcs suppressing, back EMF suppression for AC Circuits



Technical data

Dimensions DK 4/WDK 2.5

Terminal width (+ fitting tolerance 0.2)
Insulation stripping length

Connection data

Screw connection, flexible DK 4
Screw connection, flexible WDK 2.5
Wire cross-section DK 4
Wire cross-section WDK 2.5

VDE rated data

Voltage
Diode current
Diode reverse voltage
Current of continuous current bar

Diode
Resistance
Capacitor
Varistor (max. operating voltage)
Gas discharge tube (rated DC sparkover voltage)
max. discharge current (standard wave 8/20 µs)

Note

18 mm	
9 mm	
0.5 ... 4 mm ²	
-	
AWG 22 ... 12	
-	
	10 A
	47 □
	0.22 µF
	S 14
	250 V
	-

Ordering data

Version for TS 35

Type	Gas discharge tube	Order No.
DK 4 RC-VRS/35	250 V	9402360000

Note

Accessories

Mounting rail (2 m lengths)
End bracket (thickness mm)
End plate (thickness mm)
Insulation plate
Socket for test plug
Test plug (pin diameter)
Cross-connection (pre-assembled) 3-pole
4-pole
10-pole
Cover plate
Fixing screw (plastic)
Cross-connection bridge 2-pole
3-pole
4-pole
75-pole
Insulation profile

Type	Qty.	Order No.
TS 32	-	0122800000
TS 35	-	0383400000
EWK 1 (8.5)	50	0206160000
EW 35 (8.5)	50	0383560000
AP PA (1.5)	20	0359260000
TSch 4	100	0363360000
StB 8.5	50	0215700000
PS (ø 2.3)	20	0180400000
Q 4	50	0336600000
Q 10	20	0368600000
BSK M 2.5 x 18	100	0303300000
QB 2 ¹⁾	100	0482700000
QB 3 ¹⁾	50	0482800000
QB 4 ¹⁾	50	0482900000
QB 75 blank	10	0526400000
IP	-	0526700000

Note

C

RS Series :

Class III (IEC 61643-1)

Cat A, B (AS/NZS 1768: 2007)

SENSITIVE DEVICES

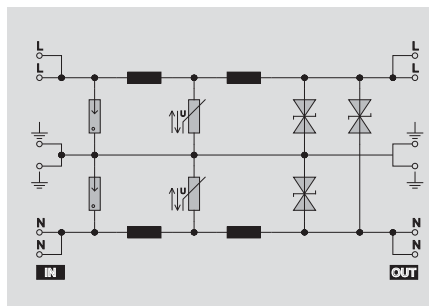
Laboratory and Test Equipment

3-stage protection with screw connection.

- Overvoltage protection RSU for power supplies
- Used in critical / sensitive applications

RSU 230 V UC 10 A

Very fine surge protection for sensitive devices



Technical data

Rated Voltage (AC)
 Rated Voltage (DC)
 max. continuous voltage, U_c
 Operating current, I_{max}
 Volume resistivity
 Gas discharge tube
 Varistor
 Suppression Diodes
 Cut off frequency (-3dB) at load impedance
 Discharge current, max. (8/20 μs)
 Protection Level on output side sym., input 1 kV/μs. typ.
 Protection Level on output side sym., input 8/20 μs. typ.
 Protection Level on output side unsym., input 1 kV/μs. typ.
 Protection Level on output side unsym., input 8/20 μs. typ.
 Design
 Type of Connection
 Storage temperature, min./max.
 Operating temperature, min./max.

230 V
 230 V
 250 V
 10.00 A
 0.04 Ω
 yes
 yes
 yes
 90.0 kHz 40 k Ω
 24 kA
 400 V
 420 V
 400 V
 420 V
 RS Section
 Screw Connection
 -25 °C/70 °C
 -25 °C/40 °C
 -25 °C ... 60 °C
 III
 2
 RJ45 Plug; IP20
 CE

Type of Connection
 Clamping range (rating- / min. / max.) mm²
 Length x width x height

2.5 x 0.5 x 4
 105 x 105 x 89

Note

Ordering data

Type	Qty	Order No.
RSU 230VUC 10 A LP	1	8093281001

Note

Accessories

Note

CAT 6. INDUSTRIAL ETHERNET

Control Panel, Patch Panel, Ethernet enabled field devices

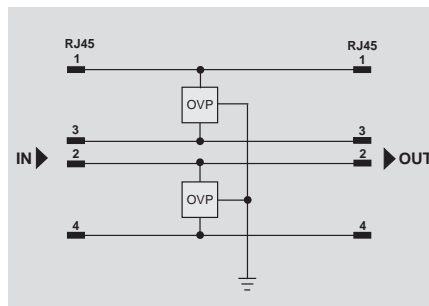
JackPac :
 Class III (IEC 61643-1)
 Cat A, B (AS/NZS 1768: 2007)

1-Stage overvoltage protection

- Inline patch cable surge arrestor
- IP67 version available

JPOVP Cat.6 IP20

Inline Surge Protection for Cat 6 cables



C

Technical data

Rated Voltage
 Operating voltage (DC), max.
 Rated discharge current per path (8/20 μs)
 Total discharge current, max. (8/20 μs)
 DC response voltage
 Attenuation
 Response Time
 Rated Current
 Protection Level, signal line, wire to wire/PE
 Protection level, supply, wire to wire/PE
 Leakage current at Un

34 V AC / 48 V DC
 48 V
 5.00 kA
 10 kA
 230 V
 < 0.3 dB at 250 Hz
 ≤ 5ns
 0.20 A
 130 V/600 V
 80 V/300 V

General Data

Operating temperature
 Overvoltage category
 Pollution Severity
 Type of Connection
 Approvals

-25 °C ... 60 °C
 III
 2
 RJ45 Plug; IP20
 CE

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height

53 x 36 x 14.4

Note

Each with 1.5 m cable

Ordering data

Type	Qty.	Order No.
JPOVP RJ45 Cat 6 IP20	1	8805550000

Note

Accessories

Note

Retaining Clip
 JP CLIP M 8778490000

Overvoltage module

- Connection via RJ 45 sockets
- Protection for all signal lines
- Suitable for 10BaseTx and 100BaseTx
- PE connection via M4 screw

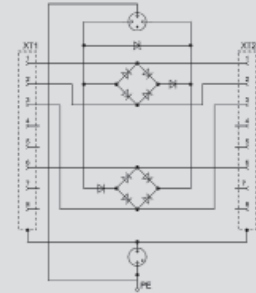
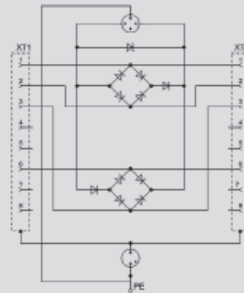
DME 100Tx-4RJ

Surge Protection for Cat 5 Cables



DME 100Tx-4RJ TS 35

Surge Protection for Cat 5 Cables



Technical data

Rated voltage (AC)
max. continuous voltage, U_c
Operating current, I_{max}
Volume resistivity
Build rate
Response time
Gas discharge tube
Varistor
Suppression diodes
Cut-off frequency (-3 dB) at load impedance
Discharge current, max. (8/20 μs)
Protection level on output side sym., input 1 kV/μs, typ.
Protection level on output side sym., input 8/20 μs, typ.
Protection level on output side unsym., input 1kV/μs, typ.
Protection level on output side unsym., input 8/20 μs, typ.
Design
Type of connection
Storage temperature, min./max.
Operating temperature, min./max.

5 V
7 V

1.30 Ω

≤ 5 ns
yes
no
yes

2 kA
40 V
45 V
450 V
500 V
Miscellaneous
RJ45
-25 °C ... 60 °C
-20 °C ... 50 °C

5 V
7 V

1.30 Ω

≤ 5 ns
yes
no
yes

2 kA
40 V
45 V
450 V
500 V
Miscellaneous
RJ45
-25 °C ... 60 °C
-20 °C ... 50 °C

Dimensions

Length x width x height mm

RJ45

51 x 64 x 22

RJ45

51 x 64 x 22

Note

Data line protection for 10BaseT and 100BaseT

Data line protection for 10BaseT and 100BaseT

Ordering data

Version

Type	Qty.	Order No.
DME100TX-4RJ	1	8738780000

Type	Qty.	Order No.
DME 100TX-4RJ TS35 Ether. Cat5	1	8830230000

Note

Accessories

Note

Enclosures & Cable Glands

Stainless / Sheet Steel Enclosures



- Klippon TB-Series
- Sheet Steel Enclosures for Harsh Environments

D.2 - D.12

- Klippon STB
- Stainless Steel Enclosures

D.13 - D.21

Aluminium Enclosures



- Klippon K-Series
- Die Cast Aluminium Enclosures

D.22 - D.23

Polyester Enclosures



- Klippon POK-Series
Universal Polyester Enclosures

D.24 - D.25

Pratley Cable Boxes and Cable Glands



- Klik-Lok IP68/66 Cable Box

D.26



- Three Way Bottom Entry IP68/66 Cable Box

D.26



- EZEE-FIT Cable Boxes IP68

D.27 - D.30



- Enviro Compression Gland for Unarmoured Cables

D.31



- Envirogland for SWA and Other Armoured Cables

D.31

D

Klippon TB Series - Sheet Steel Enclosures

The Weidmüller Klippon® TB enclosure is specifically designed for use within harsh environment conditions such as those experience in many process industries, typically including Oil, Gas and Petrochemical.

The enclosures are approved according to the latest international standards including ATEX and IEC Ex.

Features:

- High temperature silicon gasket fitted as standard (improved temperature range -60 °C to +140 °C)
- Maximised glanding area for cable entries
- Captive hinge facility
- Improved drainage facility providing an effective water path and assists in the overall ingress protection (IP66 / IP67)
- Increased flexibility terminal mounting
- Internal/External Earth Studs are equipped with a sealing mechanism and are keyed to prevent rotation
- Label holder
- Integrated locking clasp for enhanced on site security



D

Ordering Data Accessories

Stainless Steel Label Holder	
Lid Label Holder S/S	0908760000
Padlock with key	
Stainless Steel Padlock with 2 Keys (1 key fits all)	0905680000
Internal mounting spacers	
10mm Long	0935110000
15mm Long	0935120000
20mm Long	0935130000
30mm Long	0935140000

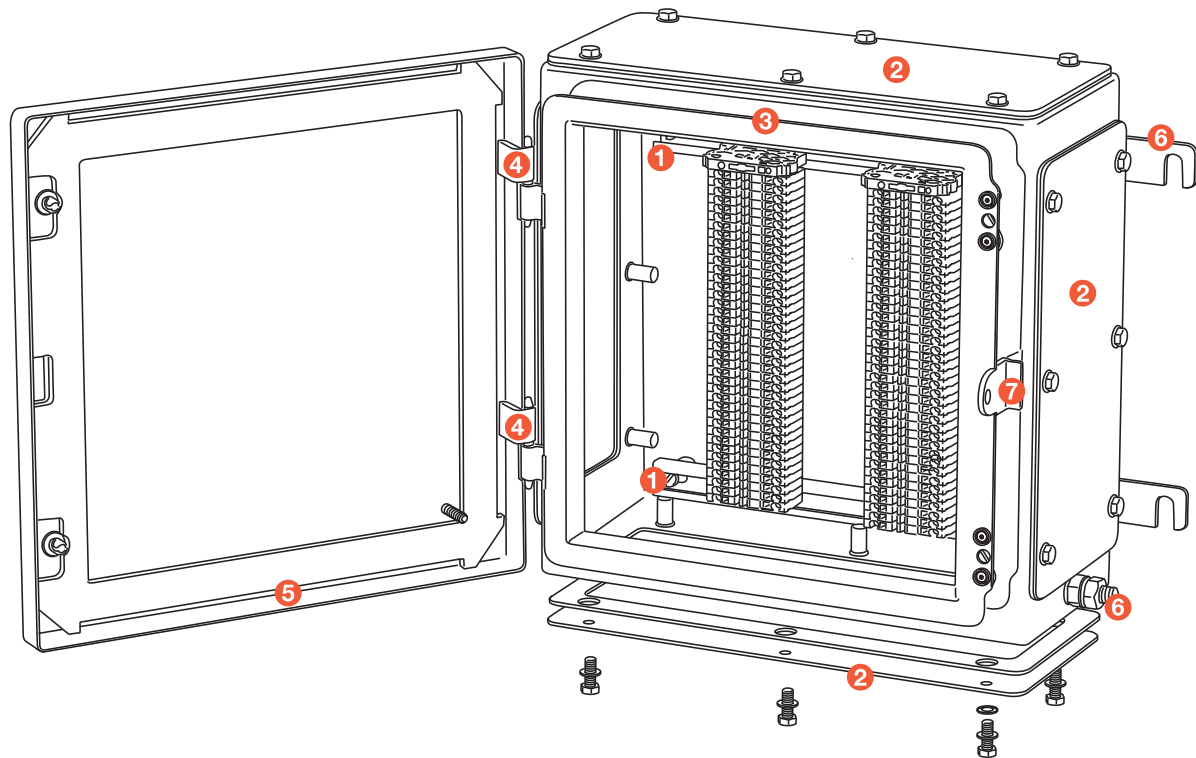


Padlock with key



NOTE: The above table applies for all the Klippon TB Series

Improved Product Features – To Meet Your Demands



1 Flexible Internal Mounting Options

- Increased diameter of mounting stud means improved stability for terminal rail assemblies and other equipment
- Mounting positions have been optimised to provide the maximum possible internal working area

2 Gland Plate Options And Enhancements

- Providing as standard 1 and 3 gland plate options (optional versions - 0, 2 or 4 gland plates are also available)
- Maximised glanding area for cable entries as a result of increased enclosure aperture sizes

3 Improved Drainage Facility

- Lip on the upstand increases gasket contact and improves the seal surface area, thus ensuring a high IP66/67 protection rating of the enclosure
- Provides an effective drainage path without relying on the seal to perform this function

4 Unique Captive Hinge Facility

- Captive hinge pins offer simple handling, easy access and protection against any accidental removal of the lid.
- Retained door will open up to 180 degrees to enable easy access for equipment installation and maintenance

5 High Temperature Gasket

- A high temperature silicon gasket offered as standard (-60°C to +140°C)
- Gasket compression is controlled

6 Mounting Feet And Earth Stud

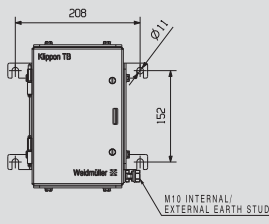
- Flexible mounting: 4 x mounting feet with 11mm slots
- Self locking internal/external M10, field replaceable earth stud

7 Padlock Facility

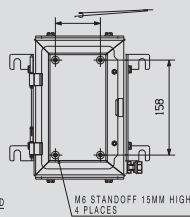
- An integrated locking clasp is fitted as standard allowing a padlock to be fitted for enhanced onsite security
- Padlocks are available as an optional accessory

Klippon® TB10 Bolt 133 Deep

Dimensions (Front view)

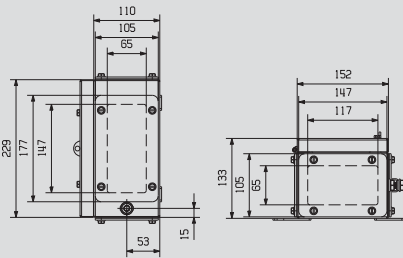


(Front view – door removed)



133 Deep

(View on right hand side and on bottom)



Height x Width x Depth
Weight

mm
g

229 x 152 x 133
1GP-3.5kg, 2GP-3.75kg, 3GP-4.25kg, 4GP-4.5kg

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]**
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	4 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL,CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 2 x 8mm M5 Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

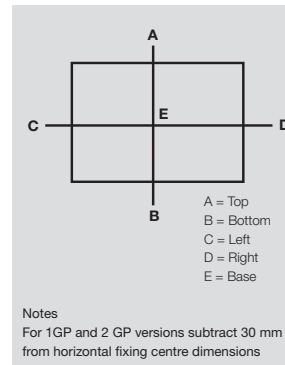
Ordering Data Enclosures

Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Bolt Fastener Versions

Part Number 133 Deep
0929000000
0929020000

Enclosure sides - ID



133 Deep Versions

A/B	C/D
12	17
8	10
3	3
2	3
2	2
1	2
0	0
0	0

133 Deep Versions

Max Number of Terminals – INDUSTRIAL		
WDU 2.5	ZDU 2.5	SAK 2.5
WDU 4	ZDU 4	SAK 4
WDU 6	ZDU 6	SAK 6
WDU 10	ZDU 10	SAK 10
WDU 16	ZDU 16	SAK 16
WDU 35	ZDU 35	SAK 35
WDU 50N		

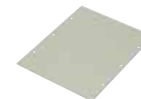
W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
1 x 9	1x 25	1 x 9	1x 25	2 x 8	1 x 22
1 x 8	1 x 21	1 x 8	1 x 22	3 x 7	11 x 20
1 x 6	1 x 16	1 x 6	1 x 16	3 x 6	11 x 16
1 x 4	1 x 13	1 x 4	1 x 13	3 x 4	11 x 13
1 x 4	1 x 11	1 x 4	1 x 11	2 x 4	11 x 11
1 x 3	1 x 8	1 x 3	1 x 8	1 x 2	11 x 7

Ordering Data Accessories

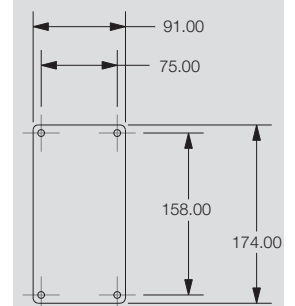
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908480000
0908470000

Mounting Plate



Mounting Plate dimensions



Comments

* 6mm Gland Plate available on request
 ** Cable entries based on Weidmüller standard IP68 cable glands
 *** For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate
 General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

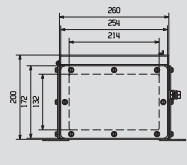
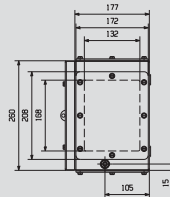
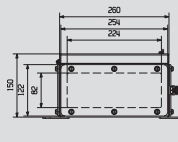
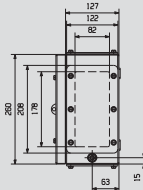
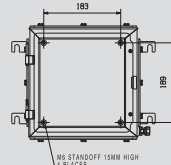
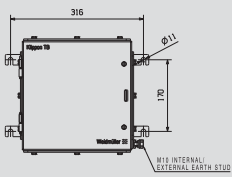
Klippon® TB10A Bolt 150 & 200 Deep

Dimensions (Front view)

(Front view – door removed)

150 Deep
(View on right hand side and on bottom)

200 Deep
(View on right hand side and on bottom)



Height x Width x Depth	mm
Weight	g

150 Deep = 260 x 260 x 150
 150 Deep = 1GP-5.25kg, 3GP-6.25kg
 200 Deep = 1GP-6.0kg, 3GP-7.5kg

200 Deep = 260 x 260 x 200

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]**
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	4 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL, CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 2 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

Ordering Data Enclosures

Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Max Number of Cable Entries Per Enclosure Side**

M 12
M 16
M 20
M 25
M 32
M 40
M 50
M 63



Bolt Fastener Versions

Part Number 150 Deep	
	0929040000
	0929060000

Part Number 200 Deep	
	0929080000
	0929100000

150 Deep Versions

A/B	C/D
27	21
21	17
10	8
9	7
4	3
3	2
2	2
0	0

200 Deep Versions

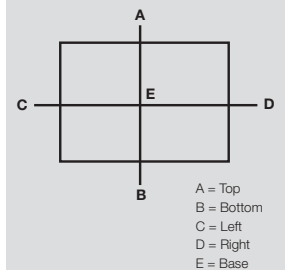
A/B	C/D
51	39
40	30
15	12
8	6
6	4
2	2
2	1

150 and 200 Deep Versions

Max Number of Terminals – INDUSTRIAL		
WDU 2.5	ZDU 2.5	SAK 2.5
WDU 4	ZDU 4	SAK 4
WDU 6	ZDU 6	SAK 6
WDU 10	ZDU 10	SAK 10
WDU 16	ZDU 16	SAK 16
WDU 35	ZDU 35	SAK 35
WDU 50N		

W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
2 x 30	2 x 31	2 x 30	2 x 31	2 x 26	2 x 27
2 x 25	2 x 26	2 x 26	2 x 27	2 x 24	2 x 25
2 x 19	2 x 20	2 x 19	2 x 20	2 x 19	2 x 20
2 x 15	2 x 16	2 x 15	2 x 16	2 x 15	2 x 16
2 x 13	2 x 13	2 x 13	2 x 13	2 x 13	2 x 13
2 x 9	2 x 10	2 x 9	2 x 10	2 x 8	2 x 9
2 x 8	2 x 8				

Enclosure sides - ID



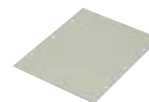
Notes
 For 1GP and 2 GP versions subtract 30 mm from horizontal fixing centre dimensions

Ordering Data Accessories

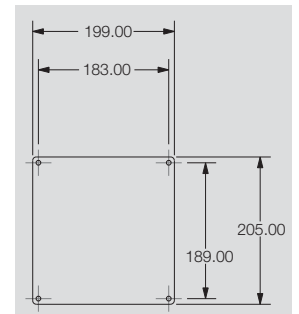
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908500000
0908490000

Mounting Plate



Mounting Plate dimensions



Comments

* 6mm Gland Plate available on request
 ** Cable entries based on Weidmullers standard IP68 cable glands
 *** For specific hazardous area requirements please contact Weidmuller for a copy of the full certificate
 General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

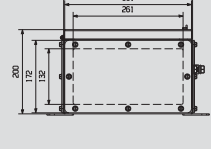
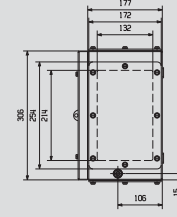
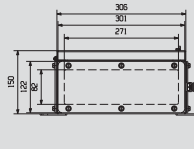
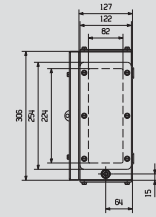
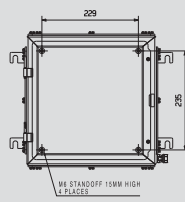
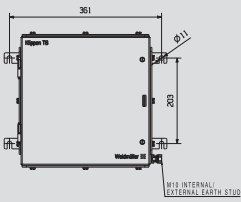
Klippon® TB11 Bolt 150 & 200 Deep

Dimensions (Front view)

(Front view – door removed)

150 Deep
(View on right hand side and on bottom)

200 Deep
(View on right hand side and on bottom)



Height x Width x Depth	mm
Weight	g

150 Deep = 306 x 306 x 150
 150 Deep = 1GP-6.5kg, 3GP-7.75kg
 200 Deep = 1GP-7.5kg, 3GP-9.0kg

200 Deep = 306 x 306 x 200

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]**
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	4 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL, CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 2 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

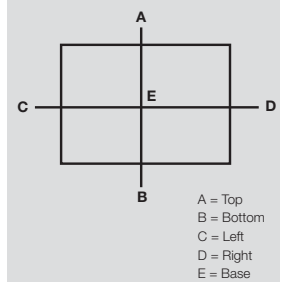
Ordering Data Enclosures

Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Bolt Fastener Versions

Part Number 150 Deep		Part Number 200 Deep	
	0929120000		0929160000
	0929140000		0929180000

Enclosure sides - ID



Notes
 For 1GP and 2 GP versions subtract 30 mm from horizontal fixing centre dimensions

Max Number of Cable Entries Per Enclosure Side**

M 12
M 16
M 20
M 25
M 32
M 40
M 50
M 63



150 Deep Versions

A/B	C/D
30	27
26	21
14	10
11	9
4	4
4	3
3	2
0	0

200 Deep Versions

A/B	C/D
60	51
43	34
21	15
18	15
8	8
8	6
3	2
2	2

150 and 200 Deep Versions

Max Number of Terminals – INDUSTRIAL

WDU 2.5	ZDU 2.5	SAK 2.5
WDU 4	ZDU 4	SAK 4
WDU 6	ZDU 6	SAK 6
WDU 10	ZDU 10	SAK 10
WDU 16	ZDU 16	SAK 16
WDU 35	ZDU 35	SAK 35
WDU 50N		

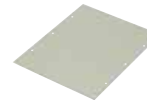
W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
2 x 39	2 x 40	2 x 39	2 x 40	3 x 33	3 x 34
2 x 33	2 x 34	2 x 33	2 x 34	3 x 31	3 x 32
2 x 25	2 x 26	2 x 25	2 x 26	3 x 25	3 x 26
2 x 20	2 x 21	2 x 20	2 x 21	3 x 20	3 x 20
2 x 17	2 x 17	2 x 16	2 x 17	2 x 16	2 x 17
2 x 12	2 x 13	2 x 12	2 x 13	2 x 11	2 x 11
2 x 10	2 x 11				

Ordering Data Accessories

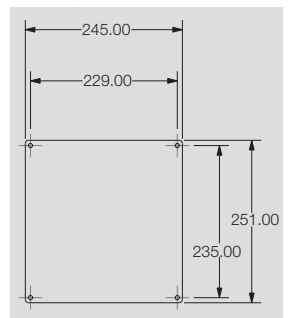
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908520000
0908510000

Mounting Plate



Mounting Plate dimensions

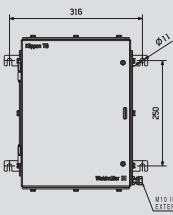


Comments

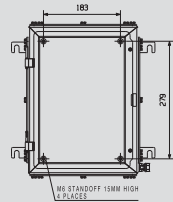
* 6mm Gland Plate available on request
 ** Cable entries based on Weidmullers standard IP68 cable glands
 *** For specific hazardous area requirements please contact Weidmuller for a copy of the full certificate
 General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

Klippon® TB11A Bolt 150 & 200 Deep

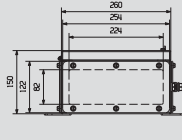
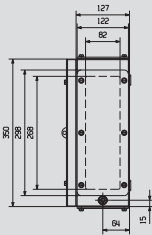
Dimensions (Front view)



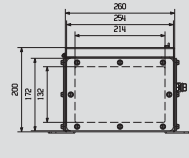
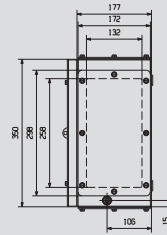
(Front view – door removed)



150 Deep
(View on right hand side and on bottom)



200 Deep
(View on right hand side and on bottom)



Height x Width x Depth
Weight

mm
g

150 Deep = 350 x 260 x 150
150 Deep = 1GP-6.25kg, 3GP-7.75kg
200 Deep = 1GP-7.25kg, 3GP-9.0kg

200 Deep = 350 x 260 x 200

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]**
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	4 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL, CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 2 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

Ordering Data Enclosures

Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Max Number of Cable Entries Per Enclosure Side**

M 12
M 16
M 20
M 25
M 32
M 40
M 50
M 63



Max Number of Terminals – INDUSTRIAL

WDU 2.5	ZDU 2.5	SAK 2.5
WDU 4	ZDU 4	SAK 4
WDU 6	ZDU 6	SAK 6
WDU 10	ZDU 10	SAK 10
WDU 16	ZDU 16	SAK 16
WDU 35	ZDU 35	SAK 35
WDU 50N		

Bolt Fastener Versions

Part Number 150 Deep
0929200000
0929220000

Part Number 200 Deep
0929240000
0929260000

150 Deep Versions

A/B	C/D
27	30
21	26
10	12
9	11
4	4
3	4
2	3
0	0

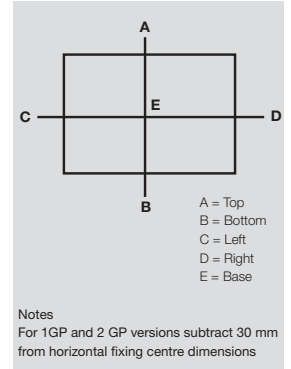
200 Deep Versions

A/B	C/D
51	60
35	43
15	18
15	18
8	8
6	8
2	3
2	2

150 and 200 Deep Versions

W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
3 x 30	2 x 49	3 x 30	2 x 49	4 x 26	2 x 42
3 x 25	2 x 41	3 x 26	2 x 42	3 x 24	2 x 38
3 x 19	2 x 32	3 x 19	2 x 31	3 x 19	2 x 31
3 x 15	2 x 25	3 x 15	1 x 25	3 x 15	2 x 25
3 x 13	2 x 21	3 x 13	1 x 21	3 x 13	2 x 21
3 x 9	2 x 15	3 x 9	1 x 15	1 x 12	2 x 14
2 x 8	2 x 13				

Enclosure sides - ID

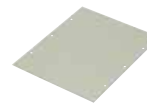


Ordering Data Accessories

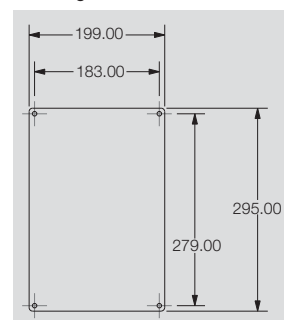
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908540000
0908530000

Mounting Plate



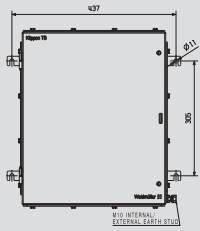
Mounting Plate dimensions



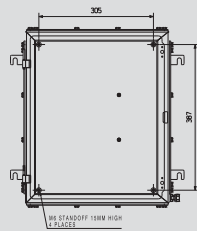
Comments

- * 6mm Gland Plate available on request
 - ** Cable entries based on Weidmüller's standard IP68 cable glands
 - *** For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate
- General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

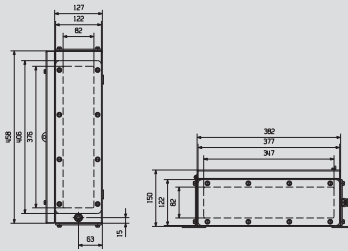
Dimensions (Front view)



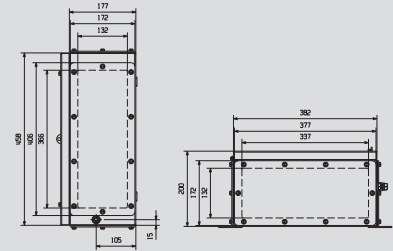
(Front view – door removed)



150 Deep
(View on right hand side and on bottom)



200 Deep
(View on right hand side and on bottom)



Height x Width x Depth mm
Weight g

150 Deep = 458 x 382 x 150
150 Deep = 1GP-9.75kg, 3GP-11.5kg
200 Deep = 1GP-11.0kg, 3GP-13.5kg

200 Deep = 458 x 382 x 200

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]***
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	4 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL, CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 2 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

Ordering Data Enclosures

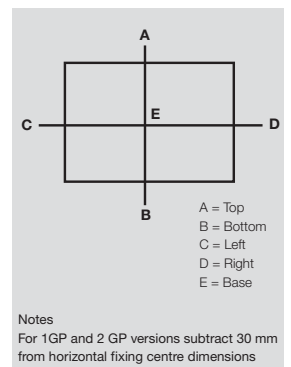
Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Bolt Fastener Versions

Part Number 150 Deep	
	0904720000
	0904740000

Part Number 200 Deep	
	0904800000
	0904820000

Enclosure sides - ID



Max Number of Cable Entries Per Enclosure Side**	
M 12	
M 16	
M 20	
M 25	
M 32	
M 40	
M 50	
M 63	



150 Deep Versions

A/B	C/D
42	45
33	36
16	18
13	15
6	6
5	5
4	4
0	0

200 Deep Versions

A/B	C/D
81	87
55	60
24	27
21	24
12	12
10	10
4	4
3	3

150 and 200 Deep Versions

Max Number of Terminals – INDUSTRIAL		
WDU 2.5	ZDU 2.5	SAK 2.5
WDU 4	ZDU 4	SAK 4
WDU 6	ZDU 6	SAK 6
WDU 10	ZDU 10	SAK 10
WDU 16	ZDU 16	SAK 16
WDU 35	ZDU 35	SAK 35
WDU 50N		

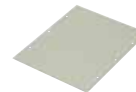
W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
4 x 54	3 x 70	4 x 54	3 x 70	5 x 46	4 x 60
4 x 45	3 x 59	4 x 46	3 x 60	5 x 42	4 x 55
4 x 35	3 x 45	4 x 34	3 x 45	5 x 34	4 x 45
4 x 28	3 x 36	4 x 27	3 x 36	5 x 27	4 x 36
4 x 23	3 x 30	4 x 23	3 x 30	4 x 23	3 x 30
4 x 17	3 x 22	4 x 17	3 x 22	4 x 15	3 x 20
3 x 15	3 x 19				

Ordering Data Accessories

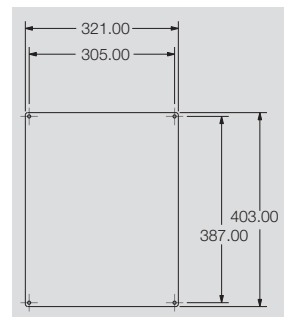
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheel Steel 316L

Part Number
0908580000
0908570000

Mounting Plate



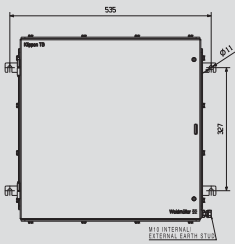
Mounting Plate dimensions



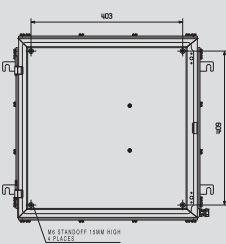
Comments

- * 6mm Gland Plate available on request
 - ** Cable entries based on Weidmullers standard IP68 cable glands
 - *** For specific hazardous area requirements please contact Weidmuller for a copy of the full certificate
- General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

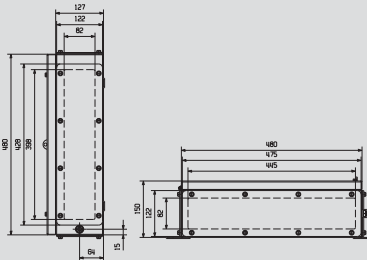
Dimensions (Front view)



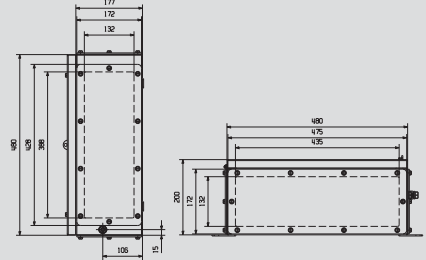
(Front view - door removed)



150 Deep
(View on right hand side and on bottom)



200 Deep
(View on right hand side and on bottom)



Height x Width x Depth
Weight

mm
g

150 Deep = 480 x 480 x 150
150 Deep = 1GP-11.75kg, 3GP-13.75kg
200 Deep = 1GP-13.25kg, 3GP-15.75kg

200 Deep = 480 x 480 x 200

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]***
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	4 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL, CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 2 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

Ordering Data Enclosures

Stainless Sheet Steel 1.4404 316L
1 Gland Plate - Positioned on bottom (B)
3 Gland Plate - Positioned on bottom, left & right (B,C&D)

Max Number of Cable Entries Per Enclosure Side**

M 12
M 16
M 20
M 25
M 32
M 40
M 50
M 63



Bolt Fastener Versions

Part Number 150 Deep	Part Number 200 Deep
0904880000	0904960000
0904900000	0904980000

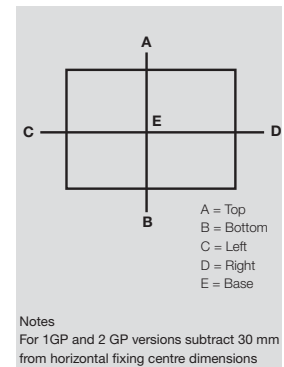
150 Deep Versions

A/B	C/D
51	48
42	38
22	20
18	16
7	6
6	5
5	4
0	0

200 Deep Versions

A/B	C/D
102	93
70	63
33	30
27	24
14	12
12	10
5	4
4	4

Enclosure sides - ID



150 and 200 Deep Versions

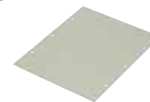
Max Number of Terminals - INDUSTRIAL			W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	4 x 73	4 x 75	4 x 73	4 x 75	5 x 62	5 x 63
WDU 4	ZDU 4	SAK 4	4 x 61	4 x 62	4 x 62	4 x 63	5 x 58	5 x 58
WDU 6	ZDU 6	SAK 6	4 x 47	4 x 48	4 x 47	4 x 47	5 x 47	5 x 47
WDU 10	ZDU 10	SAK 10	4 x 38	4 x 38	4 x 37	4 x 38	5 x 37	5 x 38
WDU 16	ZDU 16	SAK 16	4 x 31	4 x 32	4 x 31	4 x 31	4 x 31	4 x 31
WDU 35	ZDU 35	SAK 35	4 x 23	4 x 23	4 x 23	4 x 23	4 x 20	4 x 21
WDU 50N			4 x 20	4 x 20				

Ordering Data Accessories

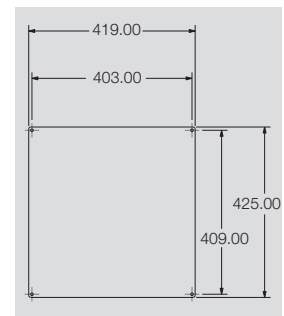
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908600000
0908590000

Mounting Plate



Mounting Plate dimensions

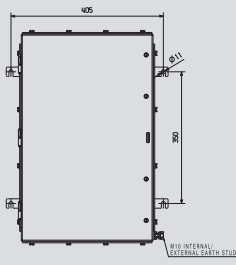


Comments

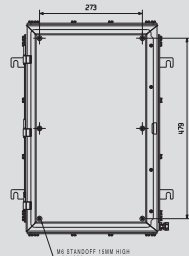
- * 6mm Gland Plate available on request
 - ** Cable entries based on Weidmullers standard IP68 cable glands
 - *** For specific hazardous area requirements please contact Weidmuller for a copy of the full certificate
- General - 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

Klippon® TB12B Bolt 150 & 200 Deep

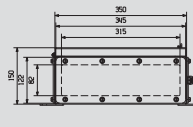
Dimensions (Front view)



(Front view – door removed)



150 Deep
(View on right hand side and on bottom)



200 Deep
(View on right hand side and on bottom)



Height x Width x Depth mm
Weight g

150 Deep = 550 x 350 x 150
150 Deep = 1GP-10.5kg, 3GP-12.75kg
200 Deep = 1GP-11.75kg, 3GP-14.75kg

200 Deep = 550 x 350 x 200

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]**
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	6 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL, CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 6 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

Ordering Data Enclosures

Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Max Number of Cable Entries Per Enclosure Side**

M 12
M 16
M 20
M 25
M 32
M 40
M 50
M 63



Bolt Fastener Versions

Part Number 150 Deep	Part Number 200 Deep
0905040000	0905120000
0905060000	0905140000

150 Deep Versions

A/B	C/D
36	54
30	45
16	24
13	19
5	8
4	6
3	5
0	0

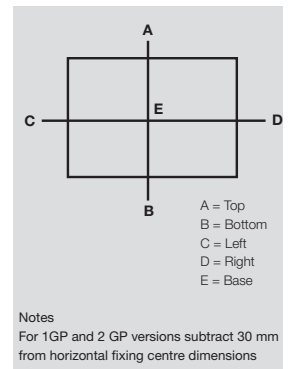
200 Deep Versions

A/B	C/D
72	108
50	75
24	36
21	30
10	16
8	12
3	5
3	4

150 and 200 Deep Versions

W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
5 x 48	3 x 88	5 x 48	3 x 88	6 x 41	4 x 75
5 x 40	3 x 74	5 x 41	3 x 75	6 x 38	3 x 69
5 x 31	3 x 57	5 x 30	3 x 56	6 x 30	3 x 56
5 x 24	3 x 45	5 x 24	3 x 45	6 x 24	3 x 45
5 x 20	3 x 38	5 x 20	3 x 37	5 x 20	3 x 37
5 x 15	3 x 28	5 x 15	3 x 28	5 x 13	3 x 25
4 x 13	2 x 24				

Enclosure sides - ID

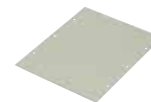


Ordering Data Accessories

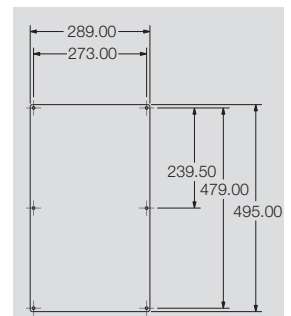
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908620000
0908610000

Mounting Plate



Mounting Plate dimensions



Comments

* 6mm Gland Plate available on request
** Cable entries based on Weidmullers standard IP68 cable glands
*** For specific hazardous area requirements please contact Weidmuller for a copy of the full certificate
General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

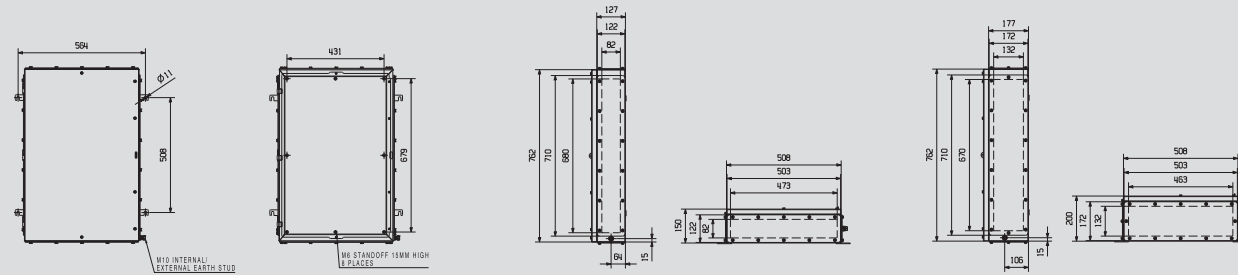
Klippon® TB13 Bolt 150 & 200 Deep

Dimensions (Front view)

(Front view – door removed)

150 Deep
(View on right hand side and on bottom)

200 Deep
(View on right hand side and on bottom)



Height x Width x Depth	mm	150 Deep = 762 x 508 x 150	200 Deep = 762 x 508 x 200
Weight	g	150 Deep = 1GP-15.0kg, 3GP-18.25kg	200 Deep = 1GP-19.25kg, 3GP-23.25kg

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]***
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	8 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL,CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 6 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

Ordering Data Enclosures

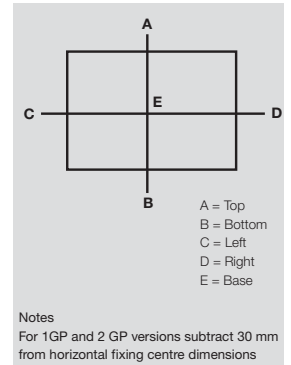
Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Bolt Fastener Versions

Part Number 150 Deep	
	0905360000
	0905380000

Enclosure sides - ID

Part Number 200 Deep	
	0905440000
	0905460000



Max Number of Cable Entries Per Enclosure Side**
M 12
M 16
M 20
M 25
M 32
M 40
M 50
M 63



150 Deep Versions

A/B	C/D
57	81
45	66
24	34
20	29
8	11
7	10
5	8
0	0

200 Deep Versions

A/B	C/D
111	159
75	110
36	51
30	45
16	22
14	20
5	8
4	7

150 and 200 Deep Versions

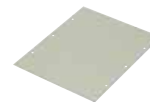
Max Number of Terminals – INDUSTRIAL			W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	7 x 79	4 x 128	7 x 79	4 x 128	9 x 67	6 x 108
WDU 4	ZDU 4	SAK 4	7 x 66	4 x 107	7 x 67	4 x 108	9 x 62	5 x 100
WDU 6	ZDU 6	SAK 6	7 x 51	4 x 82	7 x 50	4 x 81	9 x 50	5 x 81
WDU 10	ZDU 10	SAK 10	7 x 40	4 x 66	7 x 40	4 x 65	9 x 40	5 x 65
WDU 16	ZDU 16	SAK 16	7 x 34	4 x 54	7 x 33	4 x 54	8 x 33	5 x 54
WDU 35	ZDU 35	SAK 35	7 x 25	4 x 40	7 x 25	4 x 40	7 x 22	4 x 36
WDU 50N			6 x 21	4 x 35				

Ordering Data Accessories

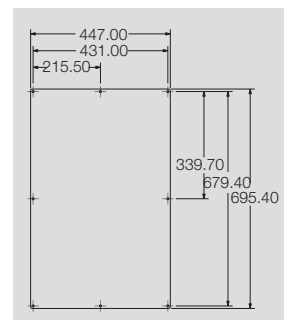
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908660000
0908650000

Mounting Plate



Mounting Plate dimensions

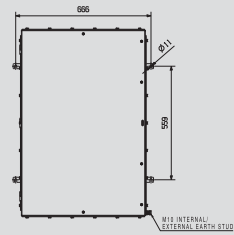


Comments

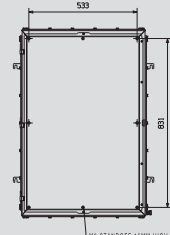
* 6mm Gland Plate available on request
 ** Cable entries based on Weidmullers standard IP68 cable glands
 *** For specific hazardous area requirements please contact Weidmuller for a copy of the full certificate
 General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

Klippon® TB14 Bolt 200 Deep

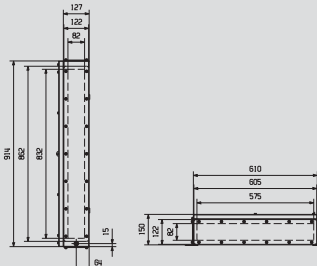
Dimensions (Front view)



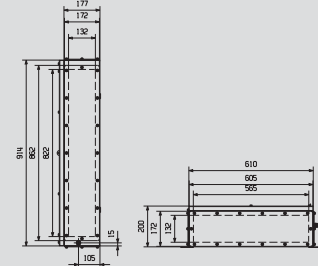
(Front view – door removed)



150 Deep
(View on right hand side and on bottom)



200 Deep
(View on right hand side and on bottom)



Height x Width x Depth	mm
Weight	g

150 Deep = 914 x 610 x 150
 150 Deep = 1GP-23.0kg, 3GP-26.75kg
 200 Deep = 1GP-25.25kg, 3GP-30.0kg

200 Deep = 914 x 610 x 200

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm	ATEX Certification:	Baseefa 06ATEX0010U (Component)
Gland Plate Material:	Stainless Steel 1.4404(316L) 3.00mm*	ATEX Certification:	Baseefa 06ATEX0011X EEx E, EEx ia and EEx [ia]**
Ingress Protection:	IP66 & IP67	ATEX Marking:	TII 2GD Ex e II Ex tD A21
Earthing:	Body-Internal/External M10 Brass / Door - M6 x 25 S/Steel	IEC Certification:	IECEX BAS 06.0004X (assembled) IECEX BAS 06.0003U (component)
Internal Mounting:	8 Mounting Pillars with M6 threaded hole	IEC Marking:	Exe II Ex tD A21 IP66 & IP67
External Mounting:	4 External lugs with 11mm slots- see note a foot of page	Pending Certification:	UL, CSA, NEMA, GOST K and R
Lid Opening:	Fully detachable lid(Self Retaining) with 6 x M5 A4 Hex Head Bolts	Gasket Material:	Silicon -60 °C to +140 °C
Impact Resistance:	10 J	Gasket compression control in accordance with manufacturers recommendation	

Ordering Data Enclosures

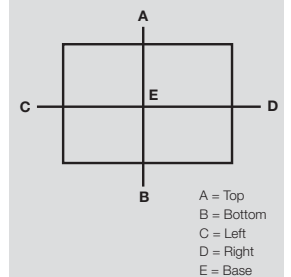
Stainless Sheet Steel 1.4404 316L
1 Gland Plate – Positioned on bottom (B)
3 Gland Plate – Positioned on bottom, left & right (B,C&D)

Bolt Fastener Versions

Part Number 150 Deep	
	0905520000
	0905540000

Part Number 200 Deep	
	0905600000
	0905620000

Enclosure sides - ID



Notes
 For 1GP and 2 GP versions subtract 30 mm from horizontal fixing centre dimensions

Max Number of Cable Entries Per Enclosure Side**
M 12
M 16
M 20
M 25
M 32
M 40
M 50
M 63



150 Deep Versions

A/B	C/D
69	99
65	95
28	42
24	36
10	14
8	12
7	10
0	0

200 Deep Versions

A/B	C/D
135	198
96	135
42	62
36	54
18	28
16	24
7	10
5	7

150 and 200 Deep Versions

Max Number of Terminals – INDUSTRIAL		
WDU 2.5	ZDU 2.5	SAK 2.5
WDU 4	ZDU 4	SAK 4
WDU 6	ZDU 6	SAK 6
WDU 10	ZDU 10	SAK 10
WDU 16	ZDU 16	SAK 16
WDU 35	ZDU 35	SAK 35
WDU 50N		

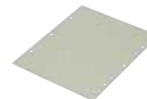
W series H	W series V	Z series H	Z series V	SAK series H	SAK series V
8 x 99	5 x 157	8 x 99	5 x 157	11 x 84	7 x 134
8 x 83	5 x 132	8 x 84	5 x 134	10 x 78	7 x 123
8 x 64	5 x 101	8 x 63	5 x 100	10 x 63	7 x 100
8 x 51	5 x 81	8 x 50	5 x 80	10 x 50	7 x 80
8 x 42	5 x 67	8 x 42	5 x 67	9 x 42	6 x 67
8 x 31	5 x 50	8 x 31	5 x 50	8 x 28	5 x 44
7 x 27	5 x 43				

Ordering Data Accessories

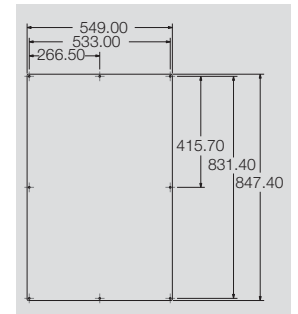
Sheet Steel Mounting Plate 1.5mm Painted RAL7032
Mounting Plate Sheet Steel painted RAL7032
Stainless Sheet Steel Mounting Plate 1.4404 316L
Mounting Plate Sheet Steel 316L

Part Number
0908680000
0908670000

Mounting Plate



Mounting Plate dimensions



Comments

* 6mm Gland Plate available on request
 ** Cable entries based on Weidmullers standard IP68 cable glands
 *** For specific hazardous area requirements please contact Weidmuller for a copy of the full certificate
 General – 316L Stainless Steel enclosures are Electropolished for high performance under severe weather conditions

Klippon STB Series - Stainless Steel Enclosures

For many decades the name Klippon® has been synonymous for competence and quality in our proven supply of enclosures and customer solutions for standard industrial and hazardous environment applications. This philosophy continues with our Klippon® STB range of stainless steel enclosures.

Ideally suited to the transportation, energy and process industries; the Klippon® STB is a natural compliment to our existing Klippon® enclosures product portfolio.

The enclosure are a proved to internation standards e.g. EN 62208 and EN 60079-0/7 (ATEX).



Improved Product Features - To Meet Your Demands

1 Flexible internal mounting options

C-Profile (TAS 20) rail fitted as standard with M5 sliding fixing nuts included to ensure stability of rail assembly and to help provide the maximum possible internal working area.

2 High temperature gasket

A high temperature silicone gasket offers enhanced product performance in extreme temperature conditions (-50°C to +135°C).

3 Gasket compression control

Guarantees Ingress Protection (IP) performance and ensures that the gasket is not compromised during use.

4 Earth stud fitted inside lid

Provides earthing of hazardous potential of the removable lid as required by the latest industrial and ATEX standards.

5 Mounting lugs

Mounting lugs are pre-fitted as standard and are designed to be secure in operation (vibration and shock tested).

6 Internal/External Earth Stud

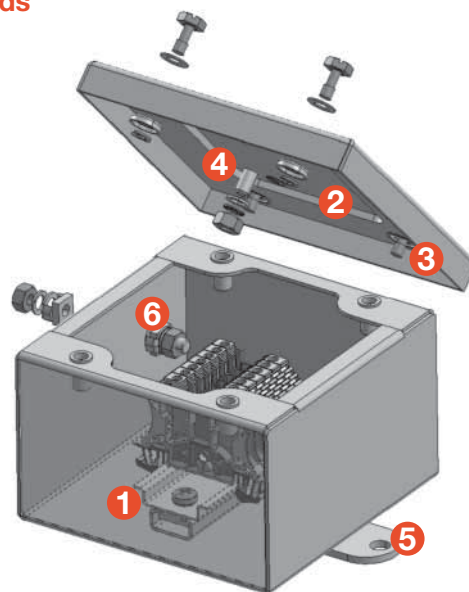
No ingress path and eliminates any potential for IP failure in the field through the earth stud.

7 Laser welding for quality results

Provides consistent IP protection and maintains a quality finish.

8 International approvals

Approved for use within hazardous areas (including Ex e - increased safety) applications.



Klippon® STB 1

Steel Enclosures for use in Industrial and Hazardous Area Applications



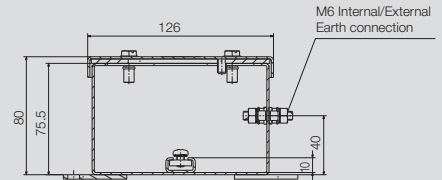
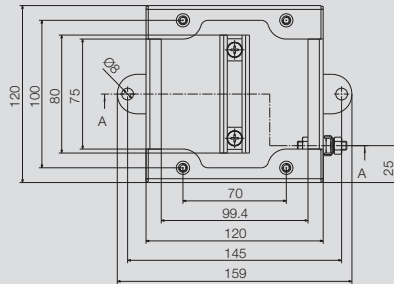
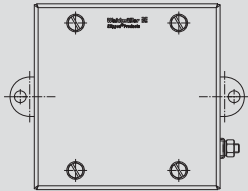
Dimensions

Height x Width x Depth	mm	120 x 120 x 80
Weight	kg	1.34

Technical Data

Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm	Approvals for Empty Enclosure:
Ingress Protection: IP66	ATEX Certification: IBExU 07ATEX1147 U
Earthing: Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel	ATEX Marking: Ⓜ II 2 G Ex e II Ⓜ II 2 D Ex ID A21 IP66
Internal Mounting: via C-Profile welded	cULus: E 197061
External Mounting: 2 External lugs with 8 mm holes	Lloyds Register: 08/20032
Lid Opening: Fully detachable lid with 4 x M5 Bolts	Approvals for Control and Distribution Box:
Impact Resistance: 7J ATEX	ATEX Certification: IBExU 07ATEX1148
10J industry standard	ATEX Marking: Ⓜ II 2 GD Ex e II Tx Ex ID A21 IP6x Tx
Gasket Material: Silicone -50°C to +135°C	Ⓜ II 1 GD Ex ia IIC Tx Ex ID A20 IP6x Tx
<i>Gasket compression control in accordance with manufacturers recommendation</i>	Ⓜ II 2(1) GD Ex e[ia] IIC Tx Ex ID A21 IP6x Tx

Elevations

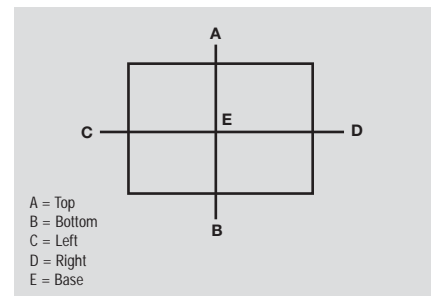


D

Ordering Data Enclosures

Description	Finish	Part Number
Klippon STB 1 SS	Polish Sheet	1002690000
Klippon STB 1 SS E	Electropolished	1058810000

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	10	10	8
	M16	6	6	4
	M20	6	6	4
	M25	3	3	2
	M32	2	2	1
	M40	2	2	1
	M50	-	-	-
	M63	-	-	-



Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	17	17	14			
WDU 4	ZDU 4	SAK 4	14	14	13			
WDU 6	ZDU 6	SAK 6	11	11	11			
WDU 10	ZDU 10	SAK 10	8	8	8			
WDU 16N	ZDU 16	SAK 16	7	7	7			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	0433500000

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 1.1

Steel Enclosures for use in Industrial and Hazardous Area Applications



Dimensions

Height x Width x Depth	mm	150 x 120 x 80
Weight	kg	1.38

Technical Data

Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection: IP66
Earthing: Body-Internal/External M6 Stainless Steel
 Lid - M6 x 12 Stainless Steel
Internal Mounting: via C-Profile welded
External Mounting: 2 External lugs with 8 mm holes
Lid Opening: Fully detachable lid with 4 x M5 Bolts
Impact Resistance: 7J ATEX
 10J industry standard
Gasket Material: Silicone -50°C to +135°C

Gasket compression control in accordance with manufacturers recommendation

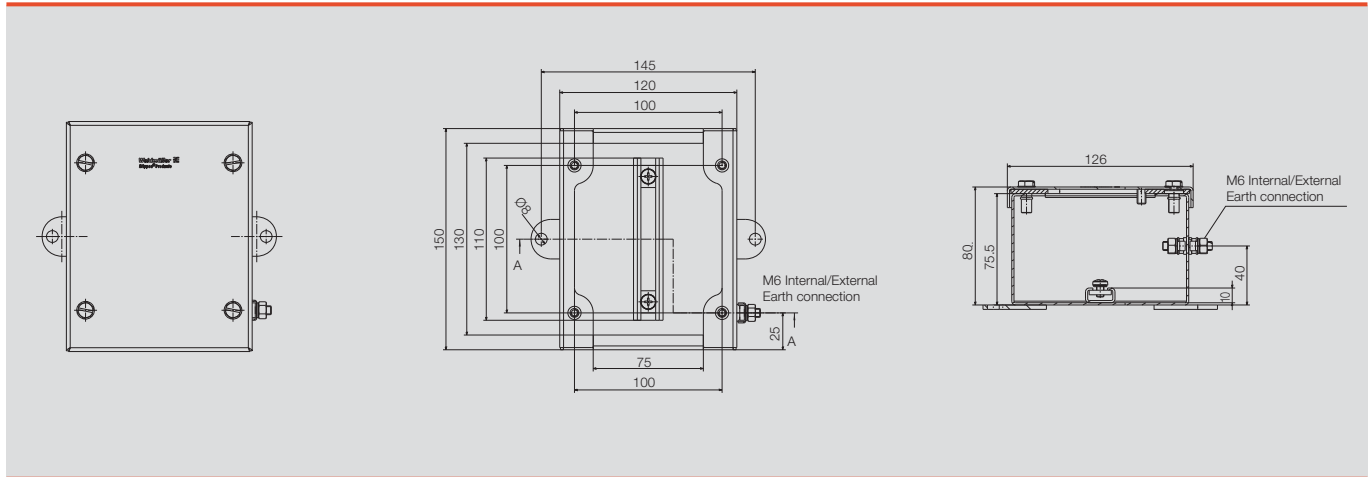
Approvals for Empty Enclosure:

ATEX Certification: IBExU 07ATEX1147 U
 ATEX Marking: Ⓜ II 2 G Ex e II
 Ⓜ II 2 D Ex ID A21 IP66
 cULus: E 197061
 Lloyds Register: 08/20032

Approvals for Control and Distribution Box:

ATEX Certification: IBExU 07ATEX1148
 ATEX Marking: Ⓜ II 2 GD Ex e II Tx Ex ID A21 IP6x Tx
 Ⓜ II 1 GD Ex ia IIC Tx Ex ID A20 IP6x Tx
 Ⓜ II 2(1) GD Ex e[ia] IIC Tx Ex ID A21 IP6x Tx

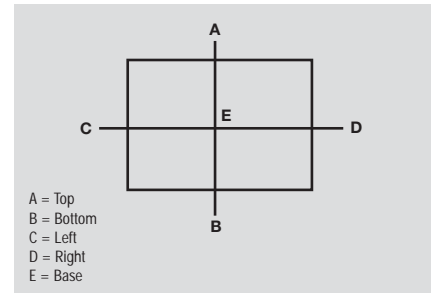
Elevations



Ordering Data Enclosures

Description	Finish	Part Number
Klippon STB 1.1 SS	Polish Sheet	1002750000
Klippon STB 1.1 SS E	Electropolished	1058820000

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	10	12	10
	M16	6	8	6
	M20	3	4	3
	M25	3	3	2
	M32	2	3	2
	M40	2	2	1
	M50	-	-	-
	M63	-	-	-



Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	23	23	19			
WDU 4	ZDU 4	SAK 4	19	19	18			
WDU 6	ZDU 6	SAK 6	14	14	14			
WDU 10	ZDU 10	SAK 10	11	11	11			
WDU 16N	ZDU 16	SAK 16	9	9	9			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	043350000

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
 - For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 2

Steel Enclosures for use in Industrial and Hazardous Area Applications



Dimensions

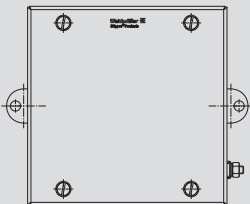
Height x Width x Depth	mm	150 x 150 x 90
Weight	kg	1.63

Technical Data

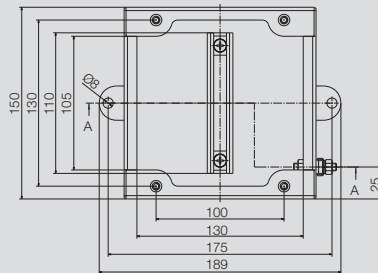
Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm	Approvals for Empty Enclosure:
Ingress Protection: IP66	ATEX Certification: IBExU 07ATEX1147 U
Earthing: Body-Internal/External M6 Stainless Steel	ATEX Marking: Ⓜ II 2 G Ex e II
Lid - M6 x 12 Stainless Steel	Ⓜ II 2 D Ex tD A21 IP66
Internal Mounting: via C-Profile welded	cULus: E 256877
External Mounting: 2 External lugs with 8 mm holes	Lloyds Register: 08/20032
Lid Opening: Fully detachable lid with 4 x M5 Bolts	Approvals for Control and Distribution Box:
Impact Resistance: 7J ATEX	ATEX Certification: IBExU 07ATEX1148
10J industry standard	ATEX Marking: Ⓜ II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
Gasket Material: Silicone -50°C to +135°C	Ⓜ II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
<i>Gasket compression control in accordance with manufacturers recommendation</i>	Ⓜ II 2(1) GD Ex eI[a] IIC Tx Ex tD A21 IP6x Tx

Elevations

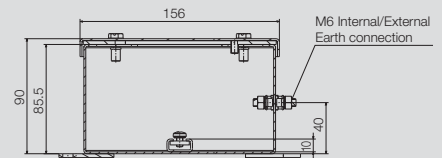
Front View



Front View – Lid Removed



Side View

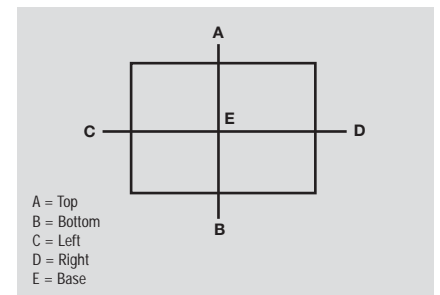


D

Ordering Data Enclosures

Description	Finish	Part Number
Klippon STB 2 SS	Polished	1002740000
Klippon STB 2 SS E	Electropolished	1058830000

Number of Cable Entries	A/B	C	D
Max number of cable entries per enclosure side**			
M12	15	15	15
M16	10	10	8
M20	8	8	6
M25	3	3	2
M32	3	3	2
M40	2	2	2
M50	1	1	1
M63	-	-	-



Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	23	23	19			
WDU 4	ZDU 4	SAK 4	19	19	18			
WDU 6	ZDU 6	SAK 6	14	14	14			
WDU 10	ZDU 10	SAK 10	11	11	11			
WDU 16N	ZDU 16	SAK 16	9	9	9			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	0433500000

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 2.1

Steel Enclosures for use in Industrial and Hazardous Area Applications



Dimensions

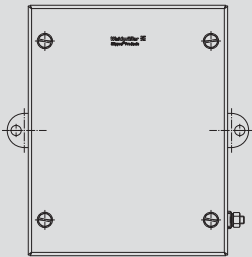
Height x Width x Depth	mm	190 x 150 x 90
Weight	kg	2.08

Technical Data

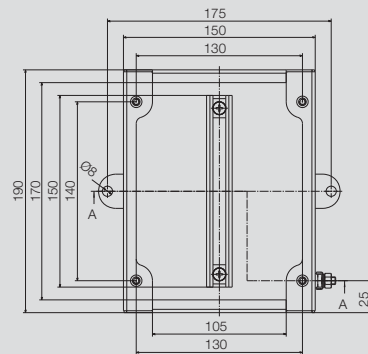
Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm	Approvals for Empty Enclosure:
Ingress Protection: IP66	ATEX Certification: IBExU 07ATEX1147 U
Earthing: Body-Internal/External M6 Stainless Steel	ATEX Marking: Ⓜ II 2 G Ex e II
Lid - M6 x 12 Stainless Steel	Ⓜ II 2 D Ex tD A21 IP66
External Mounting: via C-Profile welded	cULus: E 256877
Internal Mounting: 2 External lugs with 8 mm holes	Lloyds Register: 08/20032
Lid Opening: Fully detachable lid with 4 x M5 Bolts	Approvals for Control and Distribution Box:
Impact Resistance: 7J ATEX	ATEX Certification: IBExU 07ATEX1148
10J industry standard	ATEX Marking: Ⓜ II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
Gasket Material: Silicone -50°C to +135°C	Ⓜ II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
<i>Gasket compression control in accordance with manufacturers recommendation</i>	Ⓜ II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

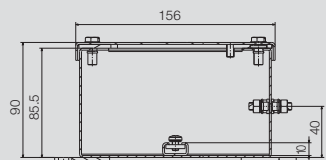
Front View



Front View – Lid Removed



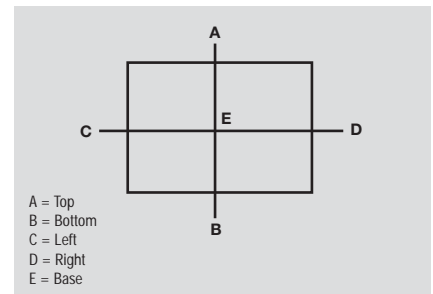
Side View



Ordering Data Enclosures

Description	Finish	Part Number
Klippon STB 2.1 SS	Polished	1002730000
Klippon STB 2.1 SS E	Electropolished	1058840000

Number of Cable Entries	A/B	C	D
Max number of cable entries per enclosure side**			
M12	15	21	18
M16	10	12	10
M20	8	10	10
M25	3	4	3
M32	3	3	3
M40	2	2	2
M50	1	1	1
M63	-	-	-



Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	30	30	25			
WDU 4	ZDU 4	SAK 4	25	25	24			
WDU 6	ZDU 6	SAK 6	20	20	19			
WDU 10	ZDU 10	SAK 10	15	15	15			
WDU 16N	ZDU 16	SAK 16	13	13	13			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	0433500000

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 3

Steel Enclosures for use in Industrial and Hazardous Area Applications



Dimensions

Height x Width x Depth	mm	190 x 190 x 100
Weight	kg	2.59

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel via C-Profile welded
Internal Mounting:	via C-Profile welded
External Mounting:	2 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industry standard
Gasket Material:	Silicone -50°C to +135°C

Gasket compression control in accordance with manufacturers recommendation

Approvals for Empty Enclosure:

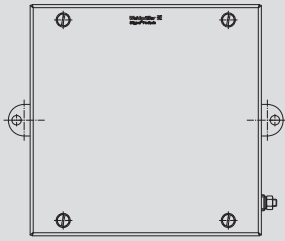
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ⓜ II 2 G Ex e II Ⓜ II 2 D Ex tD A21 IP66
cULus:	E 256877
Lloyds Register:	08/20032

Approvals for Control and Distribution Box:

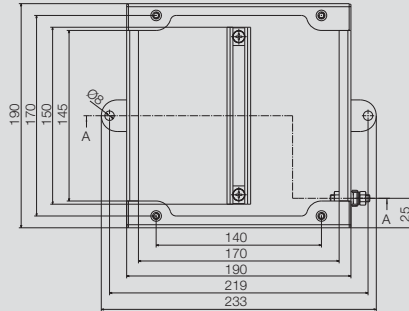
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ⓜ II 2 GD Ex e II Tx Ex tD A21 IP6x Tx Ⓜ II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx Ⓜ II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

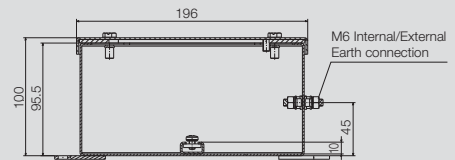
Front View



Front View – Lid Removed



Side View



D

Ordering Data Enclosures

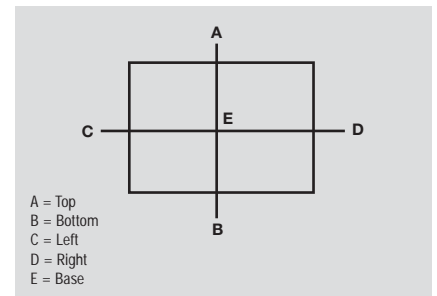
Description	Finish	Part Number
Klippon STB 3 SS	Polished	1002720000
Klippon STB 3 SS E	Electropolished	1058850000

Number of Cable Entries

Max number of cable entries per enclosure **



	A/B	C	D
M12	21	21	21
M16	15	15	15
M20	10	10	8
M25	8	8	6
M32	3	3	3
M40	3	3	2
M50	2	2	1
M63	1	1	-



A = Top
B = Bottom
C = Left
D = Right
E = Base

Max Number of Terminals (Industrial)

			Vertical			Horizontal		
WDU 2.5	ZDU 2.5	SAK 2.5	W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
			30	30	25			
			25	25	24			
			20	20	19			
			15	15	15			
			13	13	13			

Ordering Data Accessories

Sliding Fixing Nuts

SFNS5 VKMU M5 SW16

Part Number

0433500000

Notes: Each enclosure is supplied with a set of sliding nuts + washer + screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
— For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon[®] STB 4

Steel Enclosures for use in Industrial and Hazardous Area Applications



Dimensions

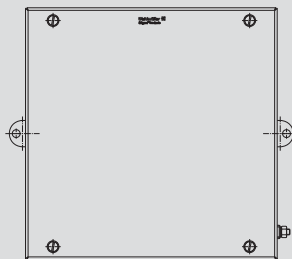
Height x Width x Depth	mm	250 x 250 x 120
Weight	kg	4.45

Technical Data

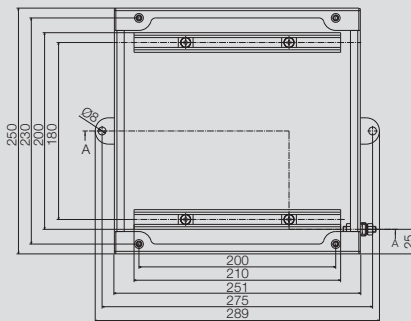
Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm	Approvals for Empty Enclosure:
Ingress Protection: IP66	ATEX Certification: IBExU 07ATEX1147 U
Earthing: Body-Internal/External M6 Stainless Steel	ATEX Marking: Ⓜ II 2 G Ex e II
Lid - M6 x 12 Stainless Steel	Ⓜ II 2 D Ex tD A21 IP66
Internal Mounting: via C-Profile welded	cULus: E 256877
External Mounting: 2 External lugs with 8 mm holes	Lloyds Register: 08/20032
Lid Opening: Fully detachable lid with 4 x M5 Bolts	Approvals for Control and Distribution Box:
Impact Resistance: 7J ATEX	ATEX Certification: IBExU 07ATEX1148
10J Industry standard	ATEX Marking: Ⓜ II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
Gasket Material: Silicone -50°C to +135°C	Ⓜ II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
<i>Gasket compression control in accordance with manufacturers recommendation</i>	Ⓜ II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

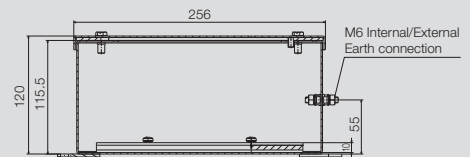
Front View



Front View – Lid Removed



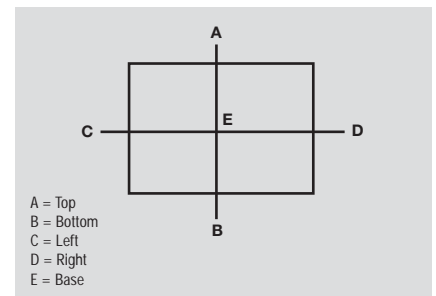
Side View



Ordering Data Enclosures

Description	Finish	Part Number
Klippon STB 4 SS	Polished	1002710000
Klippon STB 4 SS E	Electropolished	1058860000

Number of Cable Entries	A/B	C	D
Max number of cable entries per enclosure side**			
M12	32	32	32
M16	21	21	21
M20	12	12	12
M25	10	10	10
M32	8	8	8
M40	3	3	3
M50	2	3	2
M63	2	2	2



Max Number of Terminals (Industrial)			Vertical			Horizontal		
	W series V	SAK series V	Z series H	SAK series V	W series V	Z series H	SAK series V	
WDU 2.5	ZDU 2.5	SAK 2.5	2 x 42	2 x 35	2 x 42	2 x 42	2 x 35	
WDU 4	ZDU 4	SAK 4	2 x 35	2 x 33	2 x 35	2 x 35	2 x 33	
WDU 6	ZDU 6	SAK 6	2 x 27	2 x 27	2 x 27	2 x 27	2 x 27	
WDU 10	ZDU 10	SAK 10	2 x 22	2 x 21	2 x 22	2 x 22	2 x 21	
WDU 16N	ZDU 16	SAK 16	2 x 18	2 x 18	2 x 18	2 x 18	2 x 18	

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNSS VKMU M5 SW16	0433500000

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
 - For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 5

Steel Enclosures for use in Industrial and Hazardous Area Applications



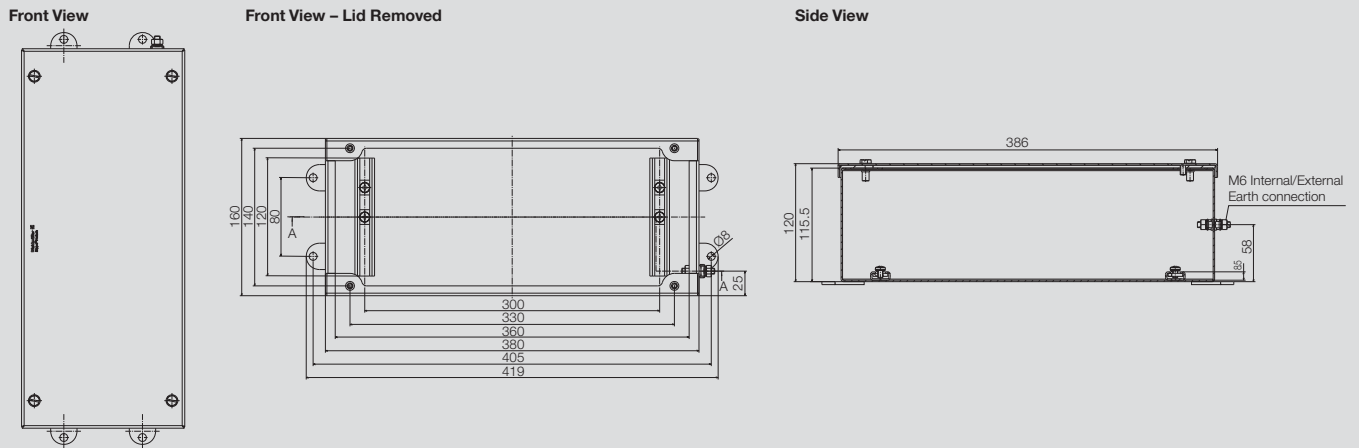
Dimensions

Height x Width x Depth	mm	160 x 380 x 120
Weight	kg	4.82

Technical Data

Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm	Approvals for Empty Enclosure:
Ingress Protection: IP66	ATEX Certification: IBExU 07ATEX1147 U
Earthing: Body-Internal/External M6 Stainless Steel	ATEX Marking: Ⓜ II 2 G Ex e II
Lid - M6 x 12 Stainless Steel	Ⓜ II 2 D Ex tD A21 IP66
Internal Mounting: via C-Profile welded	cULus: E 256877
External Mounting: 4 External lugs with 8 mm holes	Lloyds Register: 08/20032
Lid Opening: Fully detachable lid with 4 x M5 Bolts	Approvals for Control and Distribution Box:
Impact Resistance: 7J ATEX	ATEX Certification: IBExU 07ATEX1148
10J Industry standard	ATEX Marking: Ⓜ II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
Gasket Material: Silicone -50°C to +135°C	Ⓜ II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
<i>Gasket compression control in accordance with manufacturers recommendation</i>	Ⓜ II 2(1) GD Ex eIaj IIC Tx Ex tD A21 IP6x Tx

Elevations

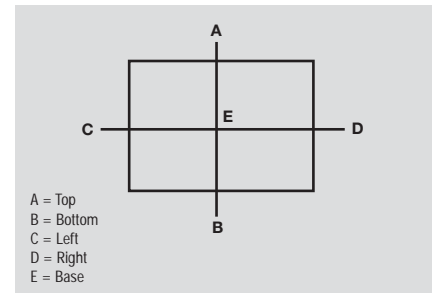


D

Ordering Data Enclosures

Description	Finish	Part Number
Klippon STB 5 SS	Polished	1002700000
Klippon STB 5 SS E	Electropolished	1058880000

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	64	20	20
	M16	33	15	12
	M20	30	12	12
	M25	16	6	6
	M32	10	4	4
	M40	6	2	2
	M50	4	2	1
	M63	2	1	1



A = Top
B = Bottom
C = Left
D = Right
E = Base

Max Number of Terminals (Industrial)			Vertical			Horizontal		
	W series V	SAK series V	Z series H	SAK series V	Z series H	SAK series V	SAK series V	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	3 x 25	3 x 25	3 x 21	1 x 68	68	57
WDU 4	ZDU 4	SAK 4	3 x 21	3 x 21	3 x 19	1 x 57	57	53
WDU 6	ZDU 6	SAK 6	3 x 16	3 x 16	3 x 16	1 x 44	44	43
WDU 10	ZDU 10	SAK 10	3 x 12	3 x 12	3 x 12	1 x 35	35	34
WDU 16N	ZDU 16	SAK 16	3 x 10	3 x 10	3 x 10	1 x 29	29	29

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	0433500000

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 6

Steel Enclosures for use in Industrial and Hazardous Area Applications



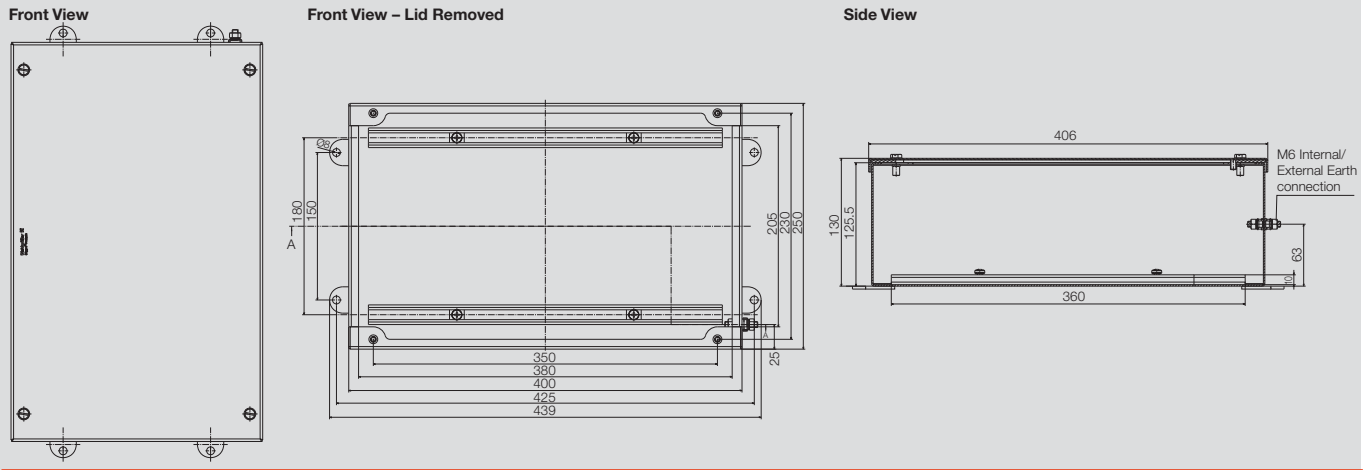
Dimensions

Height x Width x Depth	mm	250 x 400 x 130
Weight	kg	6.90

Technical Data

Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm	Approvals for Empty Enclosure:
Ingress Protection: IP66	ATEX Certification: IBEu 07ATEX1147 U
Earthing: Body-Internal/External M6 Stainless Steel	ATEX Marking: Ⓜ II 2 G Ex e II
Lid - M6 x 12 Stainless Steel	Ⓜ II 2 D Ex tD A21 IP66
Internal Mounting: via C-Profile welded	cULus: E 256877
External Mounting: 4 External lugs with 8 mm holes	Lloyds Register: 08/20032
Lid Opening: Fully detachable lid with 4 x M5 Bolts	Approvals for Control and Distribution Box:
Impact Resistance: 7J ATEX	ATEX Certification: IBEu 07ATEX1148
10J industry standard	ATEX Marking: Ⓜ II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
Gasket Material: Silicone -50°C to +135°C	Ⓜ II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
<i>Gasket compression control in accordance with manufacturers recommendation</i>	Ⓜ II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

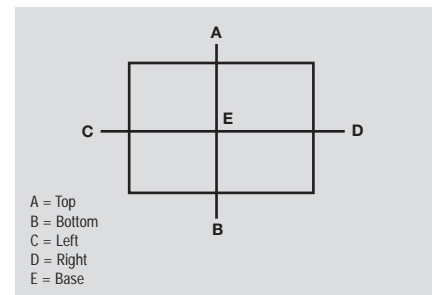
Elevations



Ordering Data Enclosures

Description	Finish	Part Number
Klippon STB 6 SS	Polished	1002760000
Klippon STB 6 SS E	Electropolished	1058870000

Number of Cable Entries	A/B	C	D
Max number of cable entries per enclosure side**			
M12	64	40	36
M16	33	24	21
M20	30	21	18
M25	16	10	10
M32	10	8	8
M40	6	3	3
M50	4	3	2
M63	2	2	2



Max Number of Terminals (Industrial)			Vertical			Horizontal		
	W series V	SAK series V	W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	3 x 42	3 x 42	3 x 35	2 x 72	2 x 72	2 x 60
WDU 4	ZDU 4	SAK 4	3 x 35	3 x 35	3 x 33	2 x 60	2 x 60	2 x 56
WDU 6	ZDU 6	SAK 6	3 x 27	3 x 27	3 x 27	2 x 46	2 x 46	2 x 46
WDU 10	ZDU 10	SAK 10	3 x 22	3 x 22	3 x 21	2 x 37	2 x 37	2 x 36
WDU 16N	ZDU 16	SAK 16	3 x 18	3 x 18	3 x 18	2 x 30	2 x 30	2 x 30

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	0433500000

Notes: Each enclosure is supplied with a set of sliding nuts + washer + screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon K-Series - Aluminium Enclosures

The K-Series of enclosures offers excellent resistance in industrial and transport environments. They are ideal for a wide series of applications, including configuration with terminals, switches, power packs, push buttons, control lamps or electronic components.

Features:

- 22 sizes in 2 versions
- Lid with stainless steel screws
- Internal earthing studs
- Mounting holes located outside of the sealed area
- Threaded holes for mounting rails and mounting plates

Our assembly service can supply these enclosures pre-assembled with terminals and cable glands according to customer requirements.



Technical Data	Type	Standard
Material		High Quality Aluminium alloy (Al-Si-12)
Surface		Smooth, Untreated Painted: Silver-grey textured (Similar to RAL 7001)
Gasket		Chloroprene CR (Silicone Optional)
Lid Fixing	KO, KO1, KO2, K1, K11, K2, K21, K3, K31, K32, K4	Captive Stainless Steel Slotted head / Crosshead M4 Screws
	K5, K6, K7	Captive Stainless Steel Slotted head / Crosshead M5 Screws
	K41, K51, K61, K7	Captive Stainless Steel Slotted head / Crosshead M6 Screws
	K71	Captive Stainless Steel Slotted head / Crosshead M7 Screws
Earthing (Internal)	KO, KO1, KO2, K1, K11, K2, K21, K3, K31, K32	Earthing Screw M4
	K4, K41, K5, K51, K7	Earthing Screw M5
Enclosure Mounting	KO, KO1, KO2, K1, K11, K2, K21, K3, K31, K32	Holes 4mm
	K4	Holes 5mm
	K41, K5, K51, K52, K61, K71	Holes 6mm
	K5, K6, K7	Holes 7mm
Equipment Mounting	KO, KO1, K3	2 Threaded Holes M3
	K1, K11, K2, K21, K31, K32	2 Threaded Holes M4
	K4, K5, K51, K6, K7, K71, K8	2 Threaded Holes M5
	K41, K52, K72, K81	2 Threaded Holes M6
Protection Class		IP 66 and IP 67
Impact Resistance		7 J
Temperature Range		-40°C ... +80°C

Ordering Data For Klippon K-Series



Type		Length (mm)	Width (mm)	Depth (mm)	Inner Height (mm)	Weight (G)	Order No.
KO	Unpainted, Standard	45	50	30	25	65	0573200000
KO1	Unpainted, Standard	64	58	34	28	120	1565240000
KO2	Unpainted, Standard	64	98	34	28.5	200	1565250000
K1	Unpainted, Standard	70	70	45	25	220	0342000000
K11	Unpainted, Standard	80	75	57	51	280	0573300000
K2	Unpainted, Standard	70	100	45	25	280	0342100000
K21	Unpainted, Standard	80	125	57	51	400	0573400000
K3	Unpainted, Standard	70	165	45	25	400	0342200000
K31	Unpainted, Standard	80	175	57	51	520	0573500000
K32	Unpainted, Standard	80	250	55	48.5	710	1565260000
K4	Unpainted, Standard	82	130	72	66	620	0342300000
K41	Unpainted, Standard	120	122	81	73	840	1565270000
K5	Unpainted, Standard	130	170	90	81	1540	0342400000
K51	Unpainted, Standard	120	220	81	72	1280	1565280000
K52	Unpainted, Standard	160	160	91	82	1480	1565290000
K6	Unpainted, Standard	160	200	100	93	2000	0342500000
K61	Unpainted, Standard	160	260	91	82	2060	0573600000
K7	Unpainted, Standard	160	350	100	93	2870	0342600000
K71	Unpainted, Standard	230	280	111	102	2925	0573700000

Klippon POK-Series - Polyester Enclosures

The POK-Series are a high quality glassfibre reinforced polyester enclosure which is an economical solution for electrical connections.

The enclosures are ideal wherever corrosion resistance, impact resistance and a high IP protection class is required.

Features:

- 17 sizes
- Lid with stainless steel screws
- Mounting holes located outside of the sealed area
- Threaded holes for mounting rails and mounting plates



Our assembly service can supply these enclosures pre-assembled with terminals and cable glands according to customer requirements.

Technical Data	Standard	Atex
Material	Glassfibre reinforced polyester acc. to DIN 16913	Glassfibre reinforced polyester acc. to DIN 16913 with added graphite
Surface	Grey, similar to RAL 7001	Black, similar to RAL 9011
Gasket	Chloroprene + Polyurethane	Silicone (VMQ)
Lid Screws	Stainless Steel 1.4305	Stainless Steel 1.4305
Protection Class	IP 66	IP 66
Impact Resistance	7 J	7 J
Temperature Range	-40°C ... +90°C	-55°C ... +100°C
Flammability	UL 94 VO	UL 94 VO
Toxicity	Free of Halogen and Cadmium	Free of Halogen



Ordering Data for Klippon POK-Series

Type	Colour	Length (mm)	Width (mm)	Depth (mm)	Inner Height (mm)	Weight (G)	Order No.
Klippon POK 1, Standard	Grey	75	80	55	46	230	1277200000
Klippon POK 1 Ex, ATEX	Black	75	80	55	46	230	9510210000
Klippon POK 2, Standard	Grey	75	110	55	46	295	1277300000
Klippon POK 2 Ex, ATEX	Black	75	110	55	46	295	9510220000
Klippon POK 3, Standard	Grey	75	160	55	46	405	1277400000
Klippon POK 3 Ex, ATEX	Black	75	160	55	46	405	9510320000
Klippon POK 31, Standard	Grey	75	190	55	46	450	1565400000
Klippon POK 31 Ex, ATEX	Black	75	190	55	46	450	9510330000
Klippon POK 32, Standard	Grey	75	230	55	46	575	9510510000
Klippon POK 32 Ex, ATEX	Black	75	230	55	46	575	9510340000
Klippon POK 4, Standard	Grey	120	122	91	80	750	1277500000
Klippon POK 4 Ex, ATEX	Black	120	122	91	80	750	9510230000
Klippon POK 5, Standard	Grey	120	220	91	80	1060	1277600000
Klippon POK 5 Ex, ATEX	Black	120	220	91	80	1060	9510240000
Klippon POK 51, Standard	Grey	160	160	90	79	1290	1565410000
Klippon POK 51 Ex, ATEX	Black	160	160	90	79	1290	9510250000
Klippon POK 6, Standard	Grey	160	260	90	79	1710	1277700000
Klippon POK 6 Ex, ATEX	Black	160	260	90	79	1710	9510260000
Klippon POK 7, Standard	Grey	160	360	90	79	2150	1277800000
Klippon POK 7 Ex, ATEX	Black	160	360	90	79	2150	9510270000
Klippon POK 71, Standard	Grey	160	560	90	79	3185	9510520000
Klippon POK 71 Ex, ATEX	Black	160	560	90	79	3185	9510350000
Klippon POK 8, Standard	Grey	250	255	120	109	2650	1565420000
Klippon POK 8 Ex, ATEX	Black	250	255	120	109	2650	9510280000
Klippon POK 9, Standard	Grey	250	400	120	109	3650	1565430000
Klippon POK 9 Ex, ATEX	Black	250	400	120	109	3650	9510290000
Klippon POK 91, Standard	Grey	250	600	120	109	5235	9510470000
Klippon POK 91 Ex, ATEX	Black	250	600	120	109	5235	9510300000
Klippon POK 10, Standard	Grey	405	400	120	109	5580	1565440000
Klippon POK 10 Ex, ATEX	Black	405	400	120	109	5580	9510310000
Klippon POK 11, Standard	Grey	250	255	160	149	3275	9510530000
Klippon POK 11 Ex, ATEX	Black	250	255	160	149	3275	9510360000
Klippon POK 12, Standard	Grey	250	400	160	149	4800	9510540000
Klippon POK 12 Ex, ATEX	Black	250	400	160	149	4800	9510370000

Klik-Lok IP68/66 Cable Box

Features:

- SIMPLY click lid in place and twist to lock
- TOUGH & NON-CORROSIVE nylon polyamide material
- HIGH IP68/66 sealing for water and dust protection
- Comes standard as a 2 WAY THROUGH BOX (easily modify to 3,4 or 5 way)
- ECONOMICAL solution for use with armoured or non-armoured cables
- HIGH DOMED LID allow terminals to be mounted level with top of base > Quicker installation with easy access to terminal entries
- Comes standard with 2 x M20 entries (Extra 3 x M20 possible with holesaw)
- ATEX and IECEx Certified for gas and dust hazardous areas.
- Exe II T6 Ex tD A21 IP68 (2M) T85°C



Type	Length (mm)	Width (mm)	Depth (mm)	Inner Height (mm)	Weight (G)	Order No.
KLIK - LOK No. 1	120	120	86.5	66	250	7940007257
KLIK - LOK No. 1 With Clear Polycarbonate Lid	120	120	86.5	66	250	7940007258
KLIK - LOK No. 1 With 4 x WDU 2.5 (paired) Terminals and 2 x WPE 4 Earth Terminals	120	120	86.5	66	250	7940019453
KLIK - LOK No. 2 With Clear Polycarbonate Lid	149	149	110.5	89	500	7940026968
	149	149	110.5	89	500	7940022270

D

Three Way Bottom Entry IP68/66 Cable Box

Features:

- Integral terminal mounting rail mounted at a high level giving the EASIEST POSSIBLE ACCESS for cable entry and wiring
- TOUGH & NON-CORROSIVE nylon polyamide material
- HIGH IP68/66 sealing for water and dust protection
- THREE 20MM BOTTOM ENTRIES positioned to allow easy access to all 3 glands (even enough room to be tightened with a spanner)
- INTEGRAL EARTH MAT so that the metal glands do not require earthing
- CHOICE of Black or UV stabilised polycarbonate lid
- Quicker installation with easy access to terminal entries
- Comes standard with 2 x M20 entries (Extra 3 x M20 possible with holesaw)



Type	Length (mm)	Width (mm)	Depth (mm)	Inner Height (mm)	Weight (G)	Order No.
3 WAY BOTTOM ENTRY CABLE BOX No. 1	120	120	90	68	250	7940018151
3 WAY BOTTOM ENTRY CABLE BOX No. 1 With Clear Polycarbonate Lid	120	120	90	68	250	7940018150
3 WAY BOTTOM ENTRY CABLE BOX No. 1 With 4 x WDU 2.5 (paired) Terminals and 2 x WPE 4 Earth Terminals	120	120	90	68	250	7940018374

EZEE-FIT Cable Boxes IP68

Features:

- HIGH STRENGTH impact resistant non-corrosive reinforced plastic material
- HIGH IP68/66 sealing for water and dust protection
- Unique INBUILT EARTH CONTINUITY with integral cable glands and in-built earth bar
- ECONOMICAL and MULTIPURPOSE solution for use with armoured or non-armoured cables
- Ideal for AGGRESSIVE ENVIRONMENTS and DIRECT BURYING applications
- ATEX and IECEx Certification

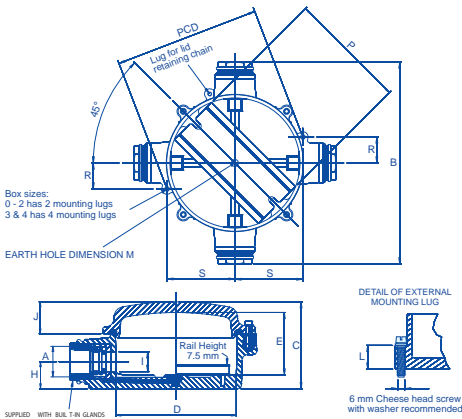


Standard and reduced entry EZEE-FIT black cable boxes

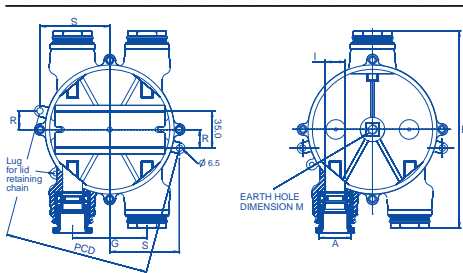
Type	Size	Configuration	Entry Size	Order No.
56022	0	2 way through	20mm	7940007279
56023	0	3 way "T"	20mm	7940007280
56024	0	4 way right angle	20mm	7940007281
56025	1	2 way through	25mm	7940007282
57131	1	2 way through	20mm	7940007293*
56026	1	3 way "T"	25mm	7940007283
56132	1	3 way "T"	20mm	7940007294*
56053	1	3 way P.E. "Y"	25mm	7940007705
57134	1	3 way P.E. "Y"	20mm	7940007296*
56027	1	4 way right angle	25mm	7940007284
57133	1	4 way right angle	20mm	7940007295*
56028	2	2 way through	32mm	7940007285
57135	2	2 way through	25mm	7940007297*
56029	2	3 way "T"	32mm	7940007286
57136	2	3 way "T"	25mm	7940007298
56063	2	3 way P.E. "Y"	32mm	7940007545
57138	2	3 way P.E. "Y"	25mm	7940007300*
56030	2	4 way right angle	32mm	7940007287
57137	2	4 way right angle	25mm	7940007299*
56064	2	4 way right angle	32mm	7940010497
57139	2	4 way P.E. "H"	25mm	7940007308*
56031	3	2 way through	40mm	7940007288
56032	3	3 way "T"	40mm	7940007309
56065	3	3 way P.E. "Y"	40mm	7940007547
56033	3	4 way right angle	40mm	7940007289
56034	4	2 way through	50mm	7940007290
56035	4	3 way "T"	50mm	7940007291
56036	4	4 way right angle	50mm	7940007292

*NB: Reduced Entry

Technical Data for EZEE-FIT Cable Boxes



Ex e/n EZEE-FIT JUNCTION BOX DIMENSIONS																
RIGHT ANGLE ENTRY BOX																
Size	A Entry Thread	B Across Entries	C Overall Height		D Internal Diam.	E Internal Depth		H	I Bore	J Lid Height	PCD	L	M Tapped Earth Stud Hole	P Rail Length	R	S
			Std. Lid	PC. Lid		Std. Lid	PC. Lid									
0	20 x 1.5P	144.8	62.0	75.0	89.0	46.5	67.1	18.2	12.6	26.0	109.0	18.2	M4 x 6.0	80.0	22.5	48.5
1	25 x 1.5P	169.4	75.6	84.0	98.0	49.9	73.2	21.6	15.7	28.6	118.0	21.6	M4 x 6.0	80.0	25.4	53.1
2	32 x 1.5P	201.8	104.4	98.2	123.0	76.6	85.2	26.3	20.4	47.9	145.0	26.3	M6 x 8.0	108.0	31.8	65.1
3	40 x 1.5P	271.0	132.9	133.0	175.4	110.1	115.3	33.8	26.3	69.2	196.0	33.8	M8 x 8.0	150.0	47.6	85.7
4	50 x 2.0P	323.6	145.2	145.3	224.7	119.2	125.5	36.1	34.7	70.6	248.5	39.2	M8 x 8.0	150.0	60.3	108.7



Ex e/n EZEE-FIT JUNCTION BOX DIMENSIONS																	
PARALLEL ENTRY BOX																	
Size	A Entry Thread	B Across Entries	C Overall Height		D Internal Diam.	E Internal Depth		G	H	I Bore	J Lid Height	PCD	L	M Tapped Earth Stud Hole	P Rail Length	R	S
			Std. Lid	PC. Lid		Std. Lid	PC. Lid										
1	25 x 1.5P	169.4	75.6	90.2	98.0	56.0	79.9	63.5	21.6	15.7	28.6	118.0	21.6	M4 x 6.0	80.0	15.6	56.4
2	32 x 1.5P	201.8	104.4	104.5	123.4	82.9	91.0	76.2	26.3	20.4	47.9	144.9	26.3	M6 x 8.0	108.0	19.1	71.4
3	40 x 1.5P	271.0	139.1	139.2	176.0	113.6	121.2	101.6	33.8	26.3	69.2	196.1	33.8	M8 x 8.0	150.0	25.5	95.1

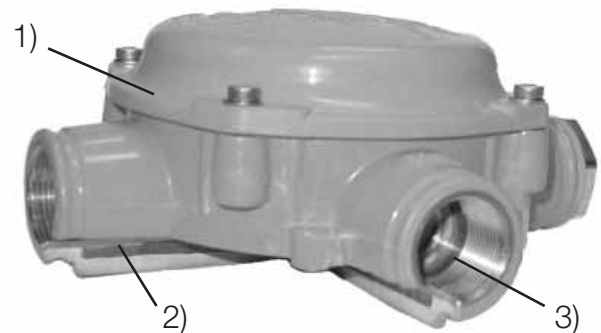
Features:

- Standard integral SWA gland cable sizes EZEE-FIT black cable boxes
- Cut-out view of EZEE-FIT Cable Box EZEE-FIT black

- Synthetic rubber 'O' ring lid gasket
- Encapsulated copper earth rod
- Unique integral cable gland

D

Type	Min. Bedding Diameter (mm)	Max. Bedding Diameter (mm)
0	8.5	12.6
1	12.6	15.7
2	15.7	20.4
3	20.4	26.3
4	26.3	34.7



Ezee-JB: Special Armoured Boxes

Features:

- TOUGH & NON-CORROSIVE nylon polyamide material
- HIGH IP66 sealing for water and dust protection
- One threaded entry on each side
- INTEGRAL EARTH MAT so that the metal glands do not require earthing
- CHOICE of Black or UV stabilised polycarbonate lid
- ECONOMICAL and MULTIPURPOSE solution for use with armoured or non-armoured cables
- Ideal for AGGRESSIVE ENVIRONMENTS



Type	Entry Thread	Diameter (mm)	Ext. Height (mm)	Inner Height (mm)	Mounting Holes PCD	Order No.
No. 0 x 4W	M20	100	74.5	60.2	109	7940007546
No. 1 x 4W	M25	110	82.7	65.2	117.7	POA
No. 2 x 4W	M32	134	101.5	80.2	144.9	POA

*NB: POA = Price on Application

Accessories For EZEE-FIT Cable Boxes IP68

See-through polycarbonate Lids

See-through polycarbonate lids can be fitted to all EZEE-FIT cable boxes for ease of inspection and fault finding. The corners have replaceable gaskets.



Type	Box Size	Order No.
57110	0	7940007242
57111	1	7940007243
57112	2	7940007244
57113	3	7940007245
57114	4	7940007246

Compression conversion kits for unarmoured cables

Compression conversion kits enable unarmoured cable to be fitted to EZEE-FIT cable boxes. The kits replace the inner seal, cone bush and compression ring of the standard box integral gland or reducing gland.



Type	Box Size	Conversion Kit Type	Overall Diameter Min. (mm)	Overall Diameter Max. (mm)	Order No.
62000	0	0 x S	3	6	7940007341
62001	0	0S	6	9.4	7940007342
62002	0	0L	9.5	12.6	7940007343
62003	1	1 RxS	3	6	7940007344
62043	1	1 RS	6	9.4	7940007351
62044	1	1 RI	9.5	12.6	7940007352
62011	1	1	12.7	15.7	7940007345
62021	2	2	15.8	20.4	7940007346
62031	3	3 S	20.5	23.3	7940007347
62032	3	3 L	23.4	26.3	7940007348
62041	4	4 S	26.4	30.6	7940007349
62042	4	4 L	30.7	34.7	7940007350

Boxes can be purchased with waterproofing shrouds which cover the complete gland and fit into the shroud groove of the built-in gland entry. Note: shrouds must be ordered separately. See also reducing glands.



Type	Box Size	Shroud	Order No.
3010	0	Short	7940007242
3011	1	Short	7940007243
3012	2	Short	7940007244
3013	3	Short	7940007245
3014	4	Short	7940007246

Accessories For EZEE-FIT Cable Boxes

Blanking plugs

Are provided for use on spare cable entries. Plugs are made from either Brass or Tufflon and are supplied complete with sealing gaskets. These plugs when properly fitted maintain the IP68 rating of the enclosure.



Type	Box Size	Size (mm)	Material	Order No.
61080	0	20	Brass	7940007390
57800	0	20	Tufflon	7940007385
61081	1	25	Brass	7940007391
57801	1	25	Tufflon	7940007386
61082	2	32	Brass	7940007392
57802	2	32	Tufflon	7940007387
61083	3	40	Brass	7940007393
57803	3	40	Tufflon	7940007388
61084	4	50	Brass	7940007394
57804	4	50	Tufflon	7940007389

Metric 5mm earth assembly

The earthing screw with washer, may be purchased separately and fitted to the earthing boss inside the cable box for internal earth connection.



Type	Size (5mm)	Order No.
57110	5	7940007242

DIN Rail TS 35

TS35 (35mm) DIN Rail pre-cut and drilled for direct installation into Pratley EzeeFit cable boxes. TS32 (32mm) or TS15 (15mm) also available upon request.

Type	Box Size	Width (mm)	Order No.
30110	0	35	7940008711
30110	1	35	7940008711
30111	2	35	7940010062
30112	3	35	7940010063
30112	4	35	7940010063

Reducing Cable Glands

By simply replacing the gland with a reducing gland, smaller SWA cable can be accommodated.

For example a size '2' to '0' will replace a No. 2 box entry to that of a No. 0 box entry.

Note: Smaller diameter unarmoured cables can be accommodated by using a reducing gland and a compression conversion kit.



Type	Fit Box Size	Size	Thread (mm)	Order No.
58100	1	1-0	25-20	7940007395
58200	2	2-0	32-20	7940007396
58210	2	2-1	32-25	7940007397
58300	3	3-0	40-20	7940007398
58310	3	3-1	40-25	7940007399
58320	3	3-2	40-32	7940007401
58400	4	4-0	50-20	7940007402
58410	4	4-1	50-25	7940007403
58420	4	4-2	50-32	7940007404
58430	4	4-3	50-40	7940007405

Type	Size (mm)	Order No.
3511	1R	7940007318
35211	2R	7940007319
35310	3Rs	7940007320
35311	3R	7940007321
35410	4Rs	7940007322
35411	4R	7940007323

Enviro Compression Gland for Unarmoured Cables

Features:

- IP68 Ingress Protection
- **TOTALLY SEALED** with internal brass components and integral 'o' ring seal
- **ULTRA TOUGH REINFORCED PLASTIC BODY** designed specially to resist chemical attack or severe mechanical abuse
- ATEX and IECEx Certification Pending (Please ask)
- **EASY TO INSTALL** by simply passing cable through and tightening generously (Easy pictorial instruction leaflet provided)
- **PROVEN EXTENSIVE ENVIRONMENTAL TESTING** with glands being subject to ultra-violet radiation, long term creep loads, actual weathering and numerous different accelerated corrosive environment test for a full 4 years



Type	Size	Entry Thread (mm)	Cable Min.	Cable Max.	Order No.
32108	0	20	4	8	7940007422
32100	0	20	8	12.6	7940007414
32101	1	20	12.6	15.7	7940007415
32102	2	25	15.7	20.4	7940007416
32103	3	32	20.4	26.3	7940007417
32104	4	40	26.3	34.7	7940007418
32105	5	50	34.7	43.3	7940007419
32106	6	64	43.3	55.8	7940007420
32107	7	75	55.8	67.5	7940007421

Envirogland for SWA and Other Armoured Cables

Features:

- IP68 Ingress Protection
- **TOTALLY SEALED** with internal brass components and integral 'o' ring seal
- **ULTRA TOUGH REINFORCED PLASTIC BODY** designed specially to resist chemical attack or severe mechanical abuse
- ATEX and IECEx Certification Pending (Please ask)
- **FAIL SAFE DESIGN** with specially formulated rubber, high tensile cone bush and cone ring for the ultimate armour grip even at low tightening torque
- **PROVEN EXTENSIVE ENVIRONMENTAL TESTING** with glands being subject to ultra-violet radiation, long term creep loads, actual weathering and numerous different accelerated corrosive environment test for a full 4 years



Type	Size	Entry Thread (mm)	Diameter Min.	Overall Cable Max.	Overall Cable Min.	Diameter Max.	Order No.
32000	0	20	8.5	12.6	12.6	18.6	7940007406
32001	1	20	12.6	15.7	15.4	22	7940007407
32002	2	25	15.7	20.4	22	27.3	7940007408
32003	3	32	20.4	26.3	24.3	33.5	7940007409
32004	4	40	26.3	34.7	33.5	43.2	7940007410
32005	5	50	34.7	43.3	43.2	53.5	7940007411
32006	6	63	43.3	55.8	53.5	67.2	7940007412
32007	7	75	55.8	67.5	67.2	79	7940007413

INTELLIGENT SOLUTIONS FOR AUTOMATIC STRIPPING TOOLS

THE ONE AND ONLY STRIPAX®
HAS JUST GOT BETTER



**MORE INFORMATION
SEE SECTION E, PAGE 6**

Stripax® - The Original has been setting global standards as a professional stripping tool for over 30 years. The new generation features many impressive innovations:

- Optimum ergonomics: Detachable grip plate - ideal for any hand size
- Efficiency: Part stripping of conductors
- Flexibility: Conductor cross sections between 0.08 ... 10mm²

www.stripax.com

Red Line Installation Tools



▪ Stripping and Cutting Tools	E.2
▪ Crimping Tools	E.2
▪ Insulated Pliers and Cutting Tools	E.3
▪ Switchgear Cabinet Keys	E.3
▪ ESD Pliers	E.4

Professional Tools



▪ Cutting Tools	E.5
▪ Stripping Tools	E.6 - E.7
▪ Crimping Tools for Ferrules	E.8
▪ Crimping Tools for Pre-Insulated Lugs	E.9
▪ Crimping Tools for Coaxial Plugs	E.9
▪ Crimping Tool for Turned Contacts (IMC)	E.9
▪ Crimping Tool (IMC)	E.9
▪ Contact Removal Tool (IMC)	E.9
▪ Module Removal (IMC)	E.9
▪ Crimping Tools for Crimp Lugs	E.10
▪ Pressing Tools for WE and DEC Connectors	E.10
▪ Insertion Tools: Punch Down Tool: (PDT)	E.10
▪ Crimping for Crimp Pins	E.10
▪ Hydraulic Hand Puncher Tool	E.10
▪ Screwdrivers	E.11 - E.12

Testing



▪ Non - Contact Voltage and Magnetic Field Testers	E.13
▪ Universal Continuity Tester	E.13
▪ 2 Pole and Digital Voltage Testers	E.13
▪ Clamp and Multimeters	E.13
▪ Portable Test Set	E.13
▪ Infrared Thermometer	E.13

Accessories

▪ Wire End Ferrules without Plastic Collars	E.14
▪ Wire End Ferrules with Plastic Collars	E.15
▪ Twin Wire End Ferrules with Plastic Collars	E.15
▪ Wire End Ferrules with Plastic Collars, Special Sizes	E.16
▪ Crimp Sets	E.16

Red Line Installation Tools

Stripping And Cutting Tools

Cable Cutter 8

- Cable cutter
- Up to 8mm cable diameter

Ordering Data	Cat. No.
Cutter 8	9040130000



Cable Cutter 20 A

- Cable cutter
- Up to 20mm cable diameter

Ordering Data	Cat. No.
Cutter 20 A	9040140000



Cable Cutter 35

- Cable Cutter
- Up to 35mm cable diameter

Ordering Data	Cat. No.
Cutter 35	9040560000



Stripsy Cable Cutter & Stripper

- Cable cutting and stripping tool
- Up to 12.5mm diameter

Ordering Data	Cat. No.
Stripsy	9042000000



Stripper 4 Automatic Stripping Tool

- Automatic Stripping Tool
- Up to 4mm²
- With integrated cutting tool

Ordering Data	Cat. No.
Stripper 4	9040440000

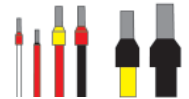


Ratchet Crimping Tools

Crimpers for Ferrules

- Ratchet crimping tools for ferrules with or without plastic collars
- Ferrule insertion from the side

Ordering Data	Cat. No.
Crimper 6 Z: For cables 0.5-6mm ²	9040530000
Crimper 16 Z: For cables 6-16mm ²	9040540000
Crimper 25 Z: For cables 6-25mm ²	9040470000
Crimper 50 Z: For cables 30-50mm ²	9040480000



Crimper 6 I for Insulated Lugs

- Crimping tools for insulated connectors
- Cross sectional range 0.5 to 6mm²
- Insertion from the side

Ordering Data	Cat. No.
Crimper 6 I	9040450000



Crimper 6 N for Non-Insulated Lugs

- Crimping tools for non-insulated connectors
- Cross sectional range 0.5 to 6mm²
- Insertion from the side

Ordering Data	Cat. No.
Crimper 6 N	9040520000



Crimper 25 N D4 for Non-Insulated Lugs

- Crimping tools for non-insulated connectors
- Cross sectional range 10 to 25mm²
- Insertion from the side

Ordering Data	Cat. No.
Crimper 25 N D4	9040460000



E

Red Line Installation Tools

Insulated Pliers And Cutting Tools

Insulated Side Cutters

- For hardened wire
- Precision cutters hardened to 62 HRC
- Length: 160mm
- VDE-insulated to 1000Vac/1500Vdc (DIN EN 60900 / IEC 900)



Ordering Data	Cat. No.
SE HD 160 RED-L (62HRC) - For hardened wire	9046320000
SE TOP RED-L (64 HRC) - For piano wire	9046340000

Insulated Flat Nose Pliers With Long Jaws

- Non-slip handles
- Length: 160mm



Ordering Data	Cat. No.
FZ 160 RED-L	9046350000

Insulated Combination Pliers

- Extra length cutter hardened to 62HRC
- Optimum force leverage
- Length: 180mm



Ordering Data	Cat. No.
KBZ 180 RED-L	9046290000

Insulated Wire Stripping Pliers

- Strips insulation from cables and single wires up to 5mm diameter
- Adjustment screw and locknut to set tool according to wire diameter
- Spring loaded for easy operation
- Length: 160mm



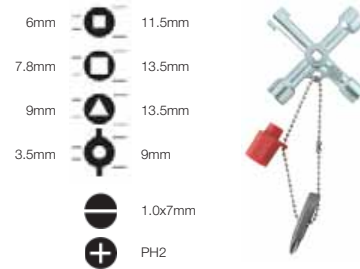
Ordering Data	Cat. No.
AIZ 160 RED-L	9046440000

Switchgear Cabinet Keys

Cross Key Universal Switchgear Cabinet Key

- Reversible 1/4" bit

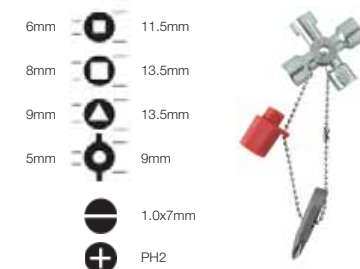
Ordering Data	Cat. No.
CK Universal	9918130000



Cross Key Universal-S Switchgear Cabinet Key

- Reversible 1/4" bit

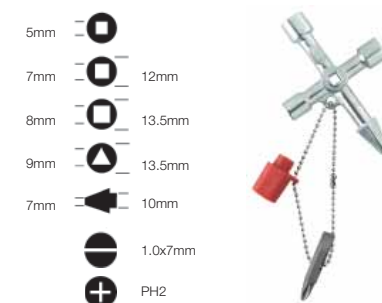
Ordering Data	Cat. No.
CK Universal-S	9918140000



Cross Key Master Switchgear Cabinet Key

- Reversible 1/4" bit

Ordering Data	Cat. No.
CK Master	9918150000



E

Electrostatic Discharge (ESD) Pliers

SEE ESD 120 (with pointed head)

- Hard wire (spring wire or steel nails):
0.4mm/AWG 26
- Semi-hard wire (iron or nails):
1.0mm/AWG 18
- Soft wire (copper or aluminium):
1.5mm/AWG 15



Ordering Data	Cat. No.
SEE ESD 120	9205130000

FZE ESD 130

- Flat-nosed Pliers



Ordering Data	Cat. No.
FZE ESD 130	9204760000

SEE ESD 125 (with oval head)

- Semi-hard wire (iron or nails):
0.8mm/AWG 20
- Soft wire (copper or aluminium):
1.5mm/AWG 15



Ordering Data	Cat. No.
SEE ESD 125	9204750000

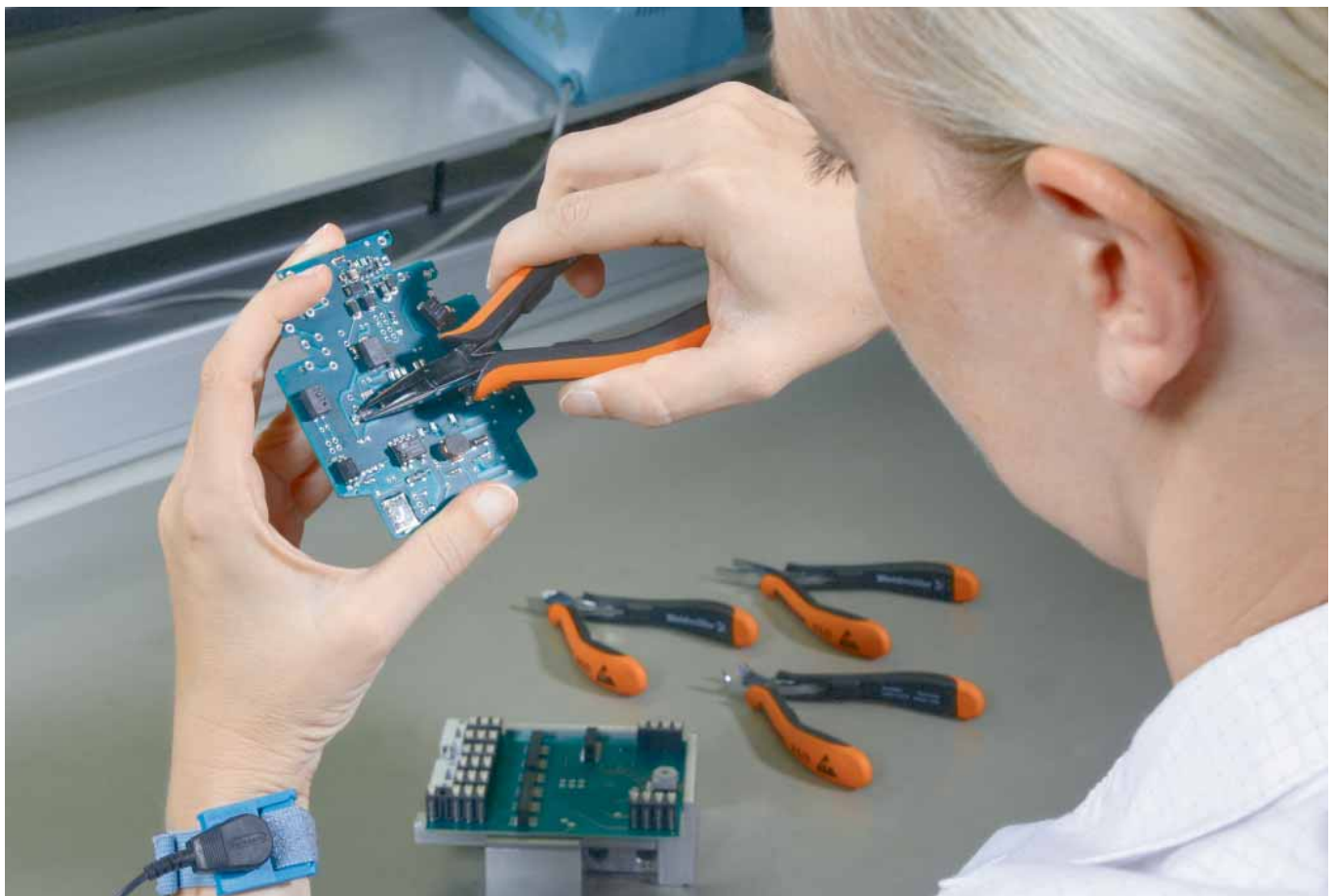
SZE ESD 130

- Long Pliers



Ordering Data	Cat. No.
SZE ESD 130	9204770000

E



Cutting Tools

Swiftly® Set Screwdriver & Cutter

Combined screw driver & cutting tool. Cuts conductors up to 1.5mm² solid and 2.5mm² flexible, screwdriver 0.6x3.5x100

Order No. 9006060000

**KT 8 Precision Cutter**

Precisely cuts copper and aluminium cables up to 8mm diameter

Order No. 9002650000

**KT 12 Precision Cutter**

Precisely cuts copper and aluminium cables up to 12mm diameter

Order No. 9002660000

**KT 20 Precision Cutter**

Precisely cuts copper and aluminium cables up to 20 mm diameter. Automatic opening and safety latch

Order No. 9002300000

**KT 45 R Ratchet Large Cable Cutter**

Maximum cutting performance Copper Cable: Flexible 400mm² & Stranded 300mm². Maximum cutting performance Aluminum Cable: Stranded 400mm² Data, telephone or control cable maximum 45mmØ +/-2mm

Order No. 9202040000

**KT 55 Ratchet Large Cable Cutter**

Maximum cutting performance Copper Cable: Flexible 500mm² and Stranded 500mm². Maximum cutting performance Aluminum Cable: Stranded 500mm². Data, telephone or control cable maximum 55mmØ +/-2mm.

Order No. 9202060000

**KT 80 Ratchet Large Cable Cutter**

Maximum cutting performance Copper Cable: Flexible 630mm² and Stranded 1000mm². Maximum cutting performance Aluminium Cable: Stranded 1000mm². Data, telephone or control cable maximum 80mmØ +/-2mm.

Order No. 9202080000

**Mounting Rail Cutter**

Hand operated mounting rail cutter for cutting and perforating DIN mounting rails

Order No. 9918700000

**Electrician Scissors**

Serrated cutting edge including wire cutter. Soft touch handle for firm grip. Light and easy to use

Order No. 9918230000



Stripping Tools

ORIGINAL STRIPAX® STRIPPING TOOL - JUST GOT BETTER!

- **IMPROVED ERGONOMIC DESIGN** - For even more comfortable handling & continuous fatigue free operation
- **NEW DETACHABLE GRIP** - Allows both length & width of handle to be adjusted to suit different sized hands
- **NEW PART STRIPPING** - Unique lockable function leaves insulation off-cut on conductor preventing it from fanning out eliminating extra processing work or damage to conductor



Stripax Plus 2.5* - 3 in 1 Tool

Cuts, strips and crimp conductors from 0.5 to 2.5mm² (All in the 1 tool). Ratchet for precise crimping.

**Note: Only use Weidmüller ferrules in strip form (Page E.14).*



Order No. 9020000000

Stripax Automatic Stripping Tool

Automatic stripping & cutting tool for flexible, solid and stranded conductors 0.08 to 6mm². Precise cable cutter in same Tool.

NEW model now with improved ergonomic design with detachable grip for different sized hands. Includes part stripping function and fold out cutting guard.



Order No. 9005000000

Mini-stripax Stripping Tool

Stripping and cutting tool for conductors with special insulation types for conductor diameters 0.2mm² to 1.21mm² (PVC, Teflon and silicone insulation).



Order No. 9001280000

Stripax 16 Automatic Stripping Tool

Automatic stripping & cutting tool for flexible, solid and stranded conductors 6 to 16mm². Precise cutter in same tool.



Order No. 9005610000

LWL - Stripax

Stripping and cutting tool for plastic fibre-optic cables with 1mm diameter inner conductor. Stripping length adjustable via end stop. Automatic opening of the clamping jaws after stripping.



Order No. 9003750000

Accessories:
Spare stripping blades 9003760000

AM ASI / AM ASI - Special

Quick and accurate stripping. No need to adjust cutting depth. No damage to inner conductors.



AM ASI

Order No.

AM ASI 9009950000
AM ASI - Special 9009940000



AM ASI - Special

Stripping Tools

AM 25 & AM 35 Stripping Tool

Stripping tool for round PVC cables. Pivoting blade for round, lengthwise and spiral cuts.

Order No.

AM25 Ø 6...25 mm	9001540000
AM35 Ø 25...36 mm	9001080000



AM 12 Stripping Tool

Cutting of UTP and STP data cables up to 4mm² Stripping of outer insulation with a diameter 0.5 to 12.5mm.

Order No.

9030060000



NEW AM 6/10 Stripping Tool

Stripping tool for flat cables of 6 to 10mm². Delivers absolute stripping precision. Insulation can be stripped from any point on the cable and can be cut on surface or edges. Split insulation opened up with integrated blade.

Order No.

9204180000



NEW AM 16 Stripping Tool

Stripping tool for round cables. Delivers absolute stripping precision. Able to adjust the cutting depth and the stripping type. Insulation can be stripped from any desired point on the cable.

Capable of stripping cables from 6mm to 17.3mm in diameter. Pivoting blade for both circular and longitudinal cuts. Highly suitable for stripping cables in confined spaces

Order No.

9204190000



Cross-sectional cut

Longitudinal Cut



Circular Cut

Longitudinal Cut

CST Stripping Tools For Coaxial and Shielded Cables

Stripping tool for coaxial cable and round shielded data cables of 2.5 to 8mm (RS 58/59 and 62) diameter. 1, 2 and 3 level stripping in 1 operation, interchangeable cassettes.

Order No.

CST*	9003050000
CST Vario	9005700000



CST



CST Vario

* cutter cassettes for CST:

Grey	9032050000	Red	9032040000
Yellow	9032030000	Blue	9032020000
Green	9032000000	Brown	9032010000
Orange	9032200000	Light Green	9032210000
Black	9032220000		

Cable Sheathing Strippers

Insulation stripping tools for data communication systems. There are 2 types of cable Strippers.

- Stripper PC:** Cable Diameter of 5 ... 15mm. For data cable in telecommunications and IT sectors. For wire strands and conductors from 0.2 to 4.0mm².
- Stripper Coax:** Cable Diameter of 4.8 ... 7.5mm. For PVC insulated data-communication and control cables. TV antenna cables between 4.8 and 7.5 mm diameter



Stripper PC



Stripper Coax

Order No.

Stripper PC	9918060000
Stripper Coax	9918030000



Ratchet Crimping Tools for Wire End Ferrules with or without Plastic Collars

PZ 1.5 Crimping Tool for Ferrules

- Crimping tools for ferrules with or without plastic collars
- Only one crimping profile for entire cross sectional range 0.25 to 1.5mm²
- Ferrule insertion from the front



Ordering Data	Cat. No.
PZ 1.5	9005990000

PZ 4 Crimping Tool for Ferrules

- Crimping tools for ferrules with or without plastic collars
- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation
- Only one crimping profile for entire cross sectional range 0.5 to 4mm²
- Ferrule insertion from the side



Ordering Data	Cat. No.
PZ 4	9012500000

PZ 6 Roto Crimping Tool for Ferrules

- Crimping tools for ferrules with or without plastic collars
- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation
- Only one crimping profile for entire cross sectional range 0.14 - 6mm²
- Unique rotatable crimp die for insertion of ferrules from the front or side



Ordering Data	Cat. No.
PZ 6 Roto	9014350000

PZ 16 Crimping Tool for Ferrules

- Crimping tools for ferrules with or without plastic collars
- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation
- For cross sectional range 6 to 16mm²
- Ferrule insertion from the side



Ordering Data	Cat. No.
PZ 16	9012600000

PZ 50 Crimping Tool for Ferrules

- Crimping tools for ferrules with or without plastic collars 25, 35 and 50mm²
- 3 crimping stations corresponding to the conductor cross-section
- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation
- Ferrule insertion from the side



Ordering Data	Cat. No.
PZ 50	9006450000

Crimping Tools for Pre-Insulated Lugs

HTI 15 Crimping Tool for Pre- Insulated Lugs

- Crimping tools for insulated connectors 0.5 to 2.5mm²
- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation
- Includes locator for exact positioning of the contacts



Ordering Data	Cat. No.
HTI 15	9014400000

CTI 6 Crimping Tools for Pre-Insulated Lugs

- Crimping tools for insulated connectors 0.5 to 6mm²
- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation
- Includes locator for exact positioning of the contacts



Ordering Data	Cat. No.
CTI 6	9006120000
CTI 6s (short handle version)	9006210000

IMC Crimping Tool for Turned Contacts

IMC CTX CM Crimping Tools For Turned Contacts

(for use with IMC connectors)

- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation
- Includes locator for exact positioning of the contacts



Ordering Data	Cat. No.
CTX CM 1.6/2,5 ... of 0.14 to 4mm ² For turned HD-contacts, HE-contacts and ConConcept M10 & M5 contacts	9018490000
CTX CM 3.6 ... of 4 to 10mm ² For turned HD-contacts and ConConcept M3 contacts	9018480000

IMC Module Removal Tool

IMC Module Removal Tool

- For removal of IMC Concept modules from the frame



Ordering Data	Cat. No.
HDC-DW-MOD	1688200000

Crimping Tools for Coaxial Plugs

HTG 58/59 Crimping Tool for Coaxial Plugs

- Crimping tools for coaxial connectors like BNC- and TNC-plugs with cable RG 58, RG 59, RG 62 & RG 71
- Ratchet for precise crimping with automatic release
- Ratchet release option in case of incorrect operation



Ordering Data	Cat. No.
HTG 58/59	9012020000

IMC Crimping Tool

IMC CM 20: for stamped contacts on roll from 0.08...0.5mm²

- Contact diameter 1mm
- Stamped Sub-D Contacts
- Stamped CM 20 Contacts



Ordering Data	Cat. No.
HDC CM 20	1700900000

IMC Contact Removal Tools

IMC Contact Removal Tools

- Contact removal tool for IMC Concept modules or GB/GS and CB/CS crimp contacts

Ordering Data	Cat. No.
Removal Tool CM 3	1866710000
Removal Tool CM 5	1866720000
Removal Tool HD	1866730000
Removal Tool CM 20	1866740000
Removal Tool HE	1866750000
DW RSV 1.6 Tool for removal of stamped HD-female and male contacts Type CB/CS and GB/GS	9004530000



CM 5



HD



HE



DW RSV 1.6

E

Crimping Tools for Crimp Lugs

- For insulated and uninsulated cable lugs and connectors.
- Mechanical function ensures safe and manageable operations under different environmental conditions.
- Precision engineering means high pressing force with little physical effort.
- Fast feed helps pre-centering and extraction of the connecting parts.

Ordering Data	Cat. No.
MTR 35 Tubular cable lugs ranging from 6 ... 120mm ²	9017500000
MTR 110 Tubular cable lugs ranging from 6 ... 120mm ²	9018020000
MTR 160 Tubular cable lugs ranging from 10 ... 300mm ²	9017250000
MTR 300 Turnable presses: 25... 240ms; 35 ... 240 sec	9021390000



Pressing Tools for Western Electric (WE) & DEC Modular Connectors

TT 864 RS WE / TT 1086 RS WE

- Pressing tools for the WE (Western Electric) and DEC modular connector systems.
- Ratchet for precise crimping
- Release option in the event of incorrect
- 3 Main Functions: Cutting, Stripping, Crimping

Ordering Data	Cat. No.
TT 864 RS WE For up to 8 pole flat ribbon or flat-oval data cables	9008120000
TT 1064 RS WE For up to 10 pole flat ribbon or flat-oval data cables	9008190000
Accessories: Spare bit set	9008130000



TT 864 RS WE

TT 1064 RS WE

Insertion Tool for Twisted-pair cable

PDT (Punch Down Tool)

- Mechanics made from metal components
- Adjustable pressing force for conductor sizes AWG 20 to AWG 28
- Incision blades with 2 functions: incision or incision with cutting off to remaining conductor
- Storage compartment for additional blade

Ordering Data	Cat. No.
PDT (Punch Down Tool)	9013970000
Accessories:	
PD Blade Krone LSA Plus (scissor)	9014050000
PD Blade 110	9013960000
PD Blade 630	9013990000
PD Blade 66	9013980000
PD Blade Krone LSA Plus (standard)	9014000000



Crimping Tool for Crimp Pins

CZ 22 E: Processing of the contacts C1 E/K and C1 E/L (MS System)

- 2 Crimp profiles in one die for conductor cross-sections:
 - Crimp profile: AWG 26-22
 - Crimp profile: 0.5 ... 1.5 mm² and AWG 18/19

Ordering Data	Cat. No.
CZ 22 E 0.5-1.5	0560400000



Hydraulic Hand Puncher Tool

IE-KO-HAT

- Hydraulic hand puncher made out of high-tensile Aluminium (approx. 40% weight saving)
- Pressure-Relief Valve protects against overload
- 90° angle head
- Angular head, 360° rotatable
- Ergonomic handle springs back automatically
- 3-Fold splitter, no jamming of drop-off pieces

Ordering Data	Cat. No.
IE-KO-HAT	1966810000



Screwdrivers

Specialist 6 Piece Screwdriver Set

4x slot head screwdrivers with round blade
(2.5-5.5mm flat blade)
2x phillips head screwdrivers (Sizes 1&2)

SDS 2.5-5.5/PH1/2 **Order No: 9009740000**



Specialist Insulated 6 Piece Screwdriver Set

4x slot head screwdrivers with round blade
(2.5-5.5mm flat blade)
2x phillips head screwdrivers (Sizes 1&2)
VDE-insulated to 1000Vac/1500Vdc

SDIS 2.5-5.5/PH1/2 **Order No: 9009730000**



Specialist Uninsulated Slot-head Screwdrivers

Blades made from high alloy hardened steel with matt chrome finish for long lasting

SD 0.5x3.0x80 **Order No: 9008320000**
SD 0.6x3.5x100 **Order No. 9008330000**
SD 0.8x4.0x100 **Order No: 9008340000**
SD 1.0x5.5x150 **Order No: 9008350000**



Specialist Insulated Slot-head Screwdrivers

Blades made from high alloy hardened steel with matt chrome finish for long lasting
VDE-insulated to 1000Vac/1500Vdc

SD 0.4x2.5x75 **Order No: 9008370000**
SD 0.5x3.0x100 **Order No: 9008380000**
SD 0.6x3.5x100 **Order No: 9008390000**
SD 0.8x4.0x100 **Order No: 9008400000**
SD 1.0x5.5x125 **Order No: 9008410000**
SD 1.2x6.5x150 **Order No: 9008420000**
SD 1.6x8.0x170 **Order No: 9008430000**



Specialist Uninsulated Phillips head Screwdrivers

Blades made from high alloy hardened steel with matt chrome finish for long lasting

SDK PH0 **Order No: 9008470000**
SDK PH1 **Order No. 9008480000**
SDK PH2 **Order No: 9008490000**
SDK PH3 **Order No: 9008500000**



Specialist Insulated Phillips head Screwdrivers

Blades made from high alloy hardened steel with matt chrome finish for long lasting
VDE-insulated to 1000Vac/1500Vdc

SDIK PH0 **Order No: 9008560000**
SDIK PH1 **Order No: 9008570000**
SDIK PH2 **Order No: 9008580000**
SDIK PH3 **Order No: 9008590000**



Swiftly Set Screwdriver & Cutter

Combined screwdriver & cutting tool
Cuts conductors up to 1.5mm² solid and 2.5mm²
flexible blade diameter of 3.5mm

Swiftly Set **Order No: 9006060000**



Prostar Allen Key Set

9 part offset screwdriver set. Made from high alloy-chromium-vanadium steel acc. to DIN ISO 2936 L, surface high quality refined

SK WSD-S 1.5-10.0 **Order No: 9008850000**



Bits

Bit E6.3 S

Slotted bits DIN 5264
1/4" drive E6.3 DIN 3126

BIT E 6.3: 0.4x2.5x70 **Order No: 9202750000**
BIT E 6.3: 0.5x3.0x70 **Order No: 9024000000**
BIT E 6.3: 0.6x3.5x70 **Order No: 9024020000**
BIT E 6.3: 0.8x4.0x70 **Order No: 9024030000**



Non-Insulated Torque Screwdriver

DMS Torque Screwdrivers

- Simple adjustment of torque using special tool (included)
- Audible clicking sound when torque limit is reached. Easy and unique interchangeable bit system (Bits sold separately)

Ordering Data	Cat. No.
DMS Manual 0.5-1.7 Nm	9918370000
DMS Manual 2.0-8.0 Nm	9918380000
Accessories: Interchangeable Slot-Head Bits for DMS	Cat. No.
WK S 0.4-2.5mm, Max 0.6Nm	9918520000
WK S 0.5-3.0mm, Max 0.6Nm	9918530000
WK S 0.6-3.5mm, Max 1.1Nm	9918540000
WK S 0.8-4.0mm, Max 2.5Nm	9918550000
WK S 1.0-5.5mm, Max 3.8Nm	9918560000
Accessories: Interchangeable Phillips-Head Bits for DMS	Cat. No.
WK K PH0, Max 0.9Nm	9918570000
WK K PH1, Max 3.8Nm	9918580000
WK K PH2, Max 5.5Nm	9918590000



Insulated Torque Screwdriver

Insulated DMSI Torque Screwdrivers

- VDE-insulated to 1000Vac/1500Vdc (DIN EN 60900 / IEC 900)
- Simple adjustment of torque using special tool (included)
- Audible clicking sound when torque limit is reached. Easy and unique interchangeable bit system (Bits sold separately)

Ordering Data	Cat. No.
DMSI Manual 0.5-1.7 Nm	9918390000
DMSI Manual 2.0-8.0 Nm	9918400000
Accessories: Interchangeable Slot-Head Bits for DMS	Cat. No.
WK SI 0.4-2.5mm, Max 0.6Nm	9918410000
WK SI 0.5-3.0mm, Max 0.6Nm	9918420000
WK SI 0.6-3.5mm, Max 1.1Nm	9918430000
WK SI 0.8-4.0mm, Max 2.5Nm	9918440000
WK SI 1.0-5.5mm, Max 3.8Nm	9918450000
Accessories: Interchangeable Phillips-Head Bits for DMS	Cat. No.
WK IK PH0, Max 0.9Nm	9918460000
WK IK PH1, Max 3.8Nm	9918470000
WK K PH2, Max 5.5Nm	9918480000



SDIZ Screwdrivers

SDIZ Screwdrivers

- Suitable for all Weidmüller socket screws
- Made from hardened chrome-vandium steel
- No damage to walls around contacts

Ordering Data	Cat. No.
SDIZ 0.3x3.5mm blade	9008450000
SDIZ 0.8x4.0mm blade	9008460000



Spanner Tools

FleCaFix Gland Spanner Tools

- Tightening tool for all types of cable glands
- Can reach over several rows of glands
- 2 Sizes: 11 up to 24mm or 24 up to 36mm
- Infinite adjustment of AF size
- Ratchet function with authentic one hand operation

Ordering Data	Cat. No.
FleCaFix 11/24 - 11 to 24mm	9015900000
FleCaFix 24/36 - 24 to 36mm	9015980000



Testers and Multimeters

Testboy 100 Non-Contact Voltage Tester

Voltage sensing 120 to 1000 V AC recognises live conductors in cable connections, cable drums, socket outlets, switches etc

Approved to Cat

II/1000V to AS/NZS 61010-1

Order No. 9201330000

Accessories:

Spare Battery 1.5V

Order No. 9201310000



Testboy 120 Non-Contact Magnetic Field Tester

Magnetic field tester for rapid and precise inspection relays, contactors, electromagnetic switches and valves

Approved to Cat II/1000V to AS/NZS 61010-1

Order No. 9201390000

Accessories:

Spare Battery 1.5V

9201310000



Testboy 20 Universal Continuity Tester

Conductor integrity and continuity tester non-contact voltage sensor, single-pole phase testing powerful LED torch and surge proof to 400V

Approved to Cat II/400V to AS/NZS 61010-1

Order No. 9201320000

Accessories:

Spare Set of Test Leads

9201420000



Car Check 1116 Two Pole Voltage Tester

Voltage indication - 3 to 48 VDC
Polarity indication

Order No. 9918970000



Combi Check 1.3-1146 Two Pole Voltage Tester

Voltage indication - 6, 12m 24, 50, 120, 230, 400, 690V AC/DC

Polarity indication and phase testing

Approved to EN/IEC 61243-3

Order No. 9918860000

Accessories:

Spare Battery 1.5V

9201310000

Case

9201520000



LSP 3 - 690V Two Pole Voltage Tester

Phase testing relative to earth, automatic testing, identification and display of voltage type (AC or DC) and polarity, polarity, continuity and semiconductor testing, touch protection because of high input resistance, concisely arranged LED display and surge proof to 12kV, large voltage range, no battery required: maintenance-free and eco-friendly, high performance solar cell combined with rechargeable lithium battery, approvals: EN/IEC 61243-3 (VDE 0682 part 401)

Order No. 9205060000



Digi Check 5.2-1147 Digital Pole Voltage Tester

Voltage indication - 5 to 690V AC/DC
continuous Phase sequence, resistance and capacitor testing

Approved to Cat III/300V to AS/NZS 61010-1

Order No. 9918870000

Accessories:

Spare Battery 9V

9004810000



Digital Clamp Meter 2606

Resistance, capacitance and frequency measurements, currents up to 1000 A, voltage up to 1000V

Approved to Cat III/1000V to AS/NZS 61010-1

Order No. 9427370000



Digital Multimeter 1037

Resistance and capacitance measurements, measures voltage up to 1000 V

Continuity and diode testing
Approved to Cat III/1000V to AS/NZS 61010-1

Order No. 9423580000



TEMPHASER - Digital Multimeter

Measures voltage up to 600V, resistance, capacitance, frequency and temperature measurements

Continuity and diode testing
Approved to Cat III/600V to AS/NZS 61010-1

Order No. 9427300000



Digital Multimeter 125S

Automatic range selection, measures voltage up to 600 V continuity and diode testing
Approved to Cat III/600V to AS/NZS 61010-1

Order No. 9425830000



Portable Test Set - MG KIT CA 600

Measures voltage up to 600V, resistance, capacitance, frequency and temperature measurements

Approved to Cat III/600V to AS/NZS 61010-1

Order No. 9427460000



610 LC - Infrared Thermometer

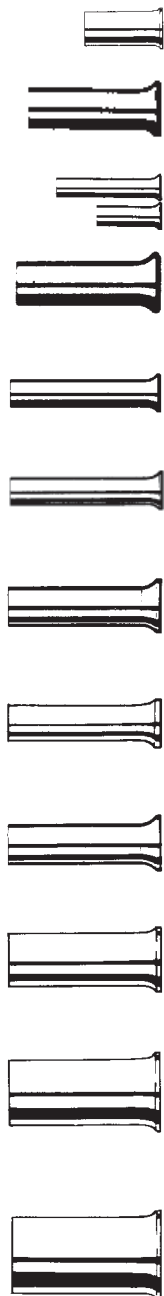
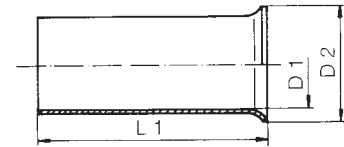
Laser spot marker
Measures temperatures from -200 to 260°C

Order No. 9427520000



E

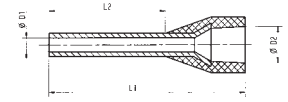
Wire End Ferrules without Plastic Collars



Cross Section (mm ²)	AWG	Dimensions			Stripping Length (mm)	Qty.	Type	Order No.
		L1	L2	D1				
0.25	24	5	0.7	1.65	5	1000	H 0.25/5	9018910000
0.5	20	6	1	2.1	6	1000	H 0.5/6	0282600000
0.5	20	10	1	2.1	10	1000	H 0.5/10	9004050000
0.75	18	6	1.2	2.3	6	1000	H 0.75/6	0282700000
0.75	18	10	1.2	2.3	10	1000	H 0.75/10	0542500000
1	17	6	1.4	2.5	6	1000	H 1/6	0372600000
1	17	10	1.4	2.5	10	1000	H 1/10	0282800000
1.5	16	7	1.7	2.8	7	1000	H 1.5/7	0372700000
1.5	16	10	1.7	2.8	10	1000	H 1.5/10	0186500000
2.5	14	7	2.2	3.4	7	1000	H 2.5/7	0373000000
2.5	14	10	2.2	3.4	10	1000	H 2.5/10	9004080000
2.5	14	12	2.2	3.4	10	1000	H 2.5/12	0186100000
4	12	9	2.8	4	9	500	H 4/9	0373100000
4	12	12	2.8	4	12	1000	H 4/12	0244100000
6	10	10	3.5	4.7	10	500	H 6/10	9004120000
6	10	12	3.5	4.7	12	500	H 6/12	0191900000
6	10	15	3.5	4.7	45	500	H 6/15	0124700000
10	7	12	4.5	5.8	12	500	H 10/12	0282900000
10	7	15	4.5	5.8	15	500	H 10/15	0124800000
10	7	18	4.5	5.8	18	500	H 10/18	0379300000
16	6	12	5.8	7.5	12	500	H 16/12	0492500000
16	6	15	5.8	7.5	15	500	H 16/15	0124300000
16	6	18	5.8	7.5	18	100	H 16/18	0375200000
25	3	15	7.3	9.5	15	250	H 25/25	0124400000
25	3	18	7.3	9.5	18	100	H 25/18	0375300000
25	3	25	7.3	9.5	25	100	H 25/25	9001470000
35	2	18	8.3	11	18	100	H 35/18	0368900000
35	2	25	8.3	11	25	100	H 35/25	9001490000
35	2	30	8.3	11	30	500	H 35/30 S	9451000000
50	1	18	10.3	13	18	100	H 50/18	9004210000
50	1	25	10.3	13	25	100	H 50/25	9025880000
50	1	32	10.3	13	32	100	H 50/32	9004220000
70	2	25	12.5	15	25	50	H 70/25	9004230000
70	2	32	12.5	15	32	50	H 70/32	9004240000

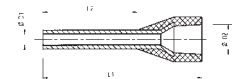
E

Wire End Ferrules with Plastic Collars



	Cross Section	AWG	L1	L2	Dimensions			Type	Colour	Order No.	Order No. Strip Pack
					D1	D2	Qty.				
	0.25 mm ²	24	10	6	0.8	1.8	500	H 0.25/10 T	■ Yellow	9021010000	9021210000
	0.25 mm ²	24	12	8	0.8	1.8	500	H 0.25/12 T	■ Yellow	9021020000	9021220000
	0.5 mm ²	20	12	6	1	2.6	500	H 0.5/12 D	■ White	9019000000	
	0.5 mm ²	20	14	8	1	2.6	500	H 0.5/14 D	■ White	9019010000	9019400000
	0.5 mm ²	20	16	10	1	2.6	500	H 0.5/16 D	■ White	9019020000	
	0.75 mm ²	18	12	6	1.2	2.8	500	H 0.75/12 T	■ Blue	9021030000	
	0.75 mm ²	18	14	8	1.2	2.8	500	H 0.75/14 T	■ Blue	9021040000	9021230000
	0.75 mm ²	18	16	10	1.2	2.8	1500	H 0.75/16 T	■ Blue	9021050000	
	0.75 mm ²	18	18	12	1.2	2.8	500	H 0.75/18 T	■ Blue	9021060000	
	1 mm ²	17	12	6	1.4	3	500	H 1/12 D	■ Red	9019070000	
	1 mm ²	17	14	8	1.4	3	500	H 1/14 D	■ Red	9019080000	9019420000
	1 mm ²	17	16	10	1.4	3	500	H 1/16 D	■ Red	9019100000	
	1 mm ²	17	18	12	1.4	3	500	H 1/18 D	■ Red	9019110000	
	1.5 mm ²	16	14	8	1.7	3.5	500	H 1.5/14 D	■ Black	9019120000	9019430000
	1.5 mm ²	16	16	10	1.7	3.5	500	H 1.5/16 D	■ Black	9019130000	
	1.5 mm ²	16	24	18	1.7	3.5	500	H 1.5/24 D	■ Black	9019150000	9004140000
	2.5 mm ²	14	14	8	2.2	4.2	500	H 2.5/14 T	■ Grey	9021070000	9021240000
	2.5 mm ²	14	18	12	2.2	4.2	500	H 2.5/18 T	■ Grey	9021080000	
	2.5 mm ²	14	24	18	2.2	4.2	500	H 2.5/24 T	■ Grey	9021090000	
	4 mm ²	12	17	10	2.8	4.8	1500	H 4/17 T	■ Orange	9021100000	9021250000
	4 mm ²	12	20	12	2.8	4.8	500	H 4/20 T	■ Orange	9021110000	
	4 mm ²	12	26	18	2.8	4.8	500	H 4/26 T	■ Orange	9021120000	
	6 mm ²	10	20	12	3.5	6.3	100	H 6/20 T	■ Green	9021130000	
	6 mm ²	10	26	18	3.5	6.3	100	H 6/26 T	■ Green	9021140000	
	10 mm ²	7	22	12	4.5	7.6	100	H 10/22 T	■ Brown	9021150000	
	10 mm ²	7	28	18	4.5	7.6	100	H 10/28 T	■ Brown	9021160000	
	16 mm ²	6	24	12	5.8	8.8	100	H 16/24 T	■ White	9021170000	
	16 mm ²	6	28	18	5.8	8.8	100	H 16/28 T	■ White	9021180000	
	25 mm ²	3	30	16	7.3	11.2	50	H 25/30 T	■ Black	9021190000	
	25 mm ²	3	36	22	7.3	11.2	50	H 25/36 T	■ Black	9021200000	

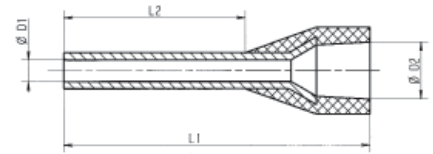
Twin Wire End Ferrules with Plastic Collars



	Cross Section	AWG	L1	Dimensions		D1	D2	Qty.	Type	Colour	Order No.
				L2							
	0.5 mm ²	20	14.6	8.2	1.4	5/3	500	H 0.5/15 D	■ White	9018910000	
	0.75 mm ²	18	14.6	8.2	1.7	5.5/3	500	H 0.75/15 D	■ Blue	0282700000	
	1 mm ²	17	15.8	8.2	2.3	6.5/3.6	500	H 1.0/15 D	■ Red	9001470000	
	1.5 mm ²	16	15.8	8.2	2.3	6.5/3.6	500	H 1.5/16 D	■ Black	0368900000	
	2.5 mm ²	14	18.5	10	2.9	8/4.5	250	H 2.5/18.5 T	■ Grey	9001490000	
	4 mm ²	12	22	12	3.5	9/5.2	100	H 4/22 T	■ Orange	9451000000	
	6 mm ²	10	25	12	4.5	11.4/6.2	100	H 6/25 T	■ Green	9004210000	
	10 mm ²	7	24	12	5.8	13.4/7.6	100	H 10/26	■ White	9025880000	
	16 mm ²	6	38	25	8.3	17.2/9.5	29	H 16/38	■ Green	9004240000	

Wire End Ferrules with Plastic Collars in Strip Form

- Insulated
- Linked ferrules on role with 50 piece
- Use with Stripax plus 2.5



	Cross Section (mm ²)	AWG	Dimensions				Qty.	Type	Colour	Order No.	Other Colours	Order No.
			L1	L2	D1	D2						
	0.5	20	15	8	1	2.6	500	H 0.5/14 D	▪ Orange	9004270000	▪ White	9004280000
	0.75	18	15	8	1.2	2.7	500	H 0.75/14 T	▪ White	9004290000	▪ Light Blue	9004310000
	1	17	15	8	1.4	3	500	H 1/14 D	▪ Yellow	9004320000	▪ Red	9004330000
	1.5	16	15	8	1.7	3.2	500	H 1.5/14 D	▪ Red	9004340000	▪ Black	9004350000
	2.5	14	15	8	2.2	4	500	H 2.5/14 T	▪ Blue	9004360000	▪ Grey	9004370000

Crimp Sets



Crimp-Set Stripax Plus

- Includes Stripax[®] Plus 2.5 Tool and 2500 Ferrules with plastic collars in one set
- Conductors from 0.5 to 2.5mm² using Weidmüller ferrules in strip form only

Note: Only use Weidmüller ferrules in strip form (page E.13)

Type	Colour Code	Order No.
Crimp-Set stripax plus	other (see above)	9028790000

E



Crimp-Set PZ6 Roto

- Includes Stripax[®] Stripping Tool, PZ6 Roto and 3000 Ferrules with plastic collars in one set
- Stripping Tool Stripax[®] for conductors with PVC from 0.08...6.0mm²
- Crimping Tool PZ6 roto for wire end ferrules from 0.14...6.0mm²

Type	Colour Code	Order No.
Crimp-Set PZ6 roto	other (see above)	9028700000

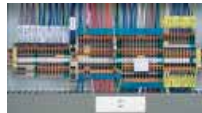
Marking Systems

Dekafix



▪ Dekafix	F.2 - F.5
-----------	-----------

MultiCard Marking Systems



▪ Multicard Printers	F.6
▪ Multicard Software	F.6
▪ Multicard Markers	F.7
▪ Custom Print Marker Service	F.7

MCP Plus Plotter



▪ MCP Plus Plotter	F.8
▪ Accessories for MCP Plus Plotter	F.8
▪ M-Print Pro Label Software	F.8
▪ PrintJet PRO All-In-One Print Solution	F.8 - F.10

Terminal Markers



▪ Dekafix WS/ZS	F.11
-----------------	------

Device Markers



▪ ESG	F.12
▪ Switch Mark	F.12
▪ Clip Card	F.13

Conductor & Cable Markers



▪ Transparent Sleeves TM	F.14
▪ Sleeves (halogen free)	F.14
▪ Cable Marker Holder	F.14
▪ Inlay Tags TM-I	F.15
▪ SlimFix	F.15
▪ SlimFix Cable Markers	F.16
▪ SlimFix Clip	F.16

Labels



▪ Plain Labels	F.15
▪ Write on Labels - Self Laminating	F.15
▪ LM Pocket Pack	F.15

Labels

Dekafix (DEK) Pre Printed Markers

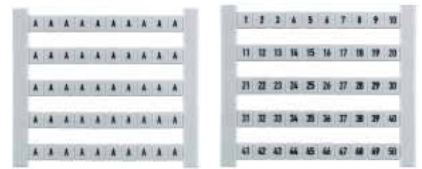
Labels to characterise terminals, conductors and electronic products

- Material: Polyamide
- 40°C ... +100°C
- Flammability class acc. UL94: V2
- Sold Per Card (Includes 50 Markers)

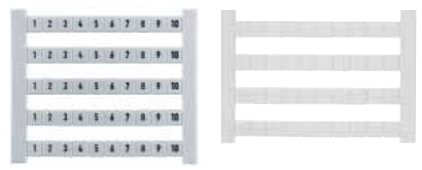
Type	Stamped	Order No.
DEK 5 - HORIZONTAL		
DEK 5 Neutral	Blank	0473360000
DEK 5 GW A	A	0522761021
DEK 5 GW B	B	0522761022
DEK 5 GW C	C	0522761023
DEK 5 GW D	D	0522761024
DEK 5 GW E	E	0522761025
DEK 5 GW F	F	0522761026
DEK 5 GW G	G	0522761027
DEK 5 GW H	H	0522761028
DEK 5 GW I	I	0522761029
DEK 5 GW J	J	0522761030
DEK 5 GW K	K	0522761031
DEK 5 GW L	L	0522161032
DEK 5 GW M	M	0522161033
DEK 5 GW N	N	0522161034
DEK 5 GW O	O	0522161035
DEK 5 GW P	P	0522161036
DEK 5 GW Q	Q	0522161037
DEK 5 GW R	R	0522161038
DEK 5 GW S	S	0522161039
DEK 5 GW T	T	0522161040
DEK 5 GW U	U	0522161041
DEK 5 GW V	V	0522161042
DEK 5 GW W	W	0522161043
DEK 5 GW X	X	0522161044
DEK 5 GW Y	Y	0522161045
DEK 5 GW Z	Z	0522161046
DEK 5 FW 1-50	1-50	0473460001
DEK 5 FW 51-100	51-100	0473460051
DEK 5 FW 101-150	101-150	0473460101
DEK 5 FW 151-200	151-200	0473460151
DEK 5 FW 201-250	201-250	0473460201
DEK 5 FW 251-300	251-300	0473460251
DEK 5 FW 301-350	301-350	0473460301
DEK 5 FW 351-400	351-400	0473460351
DEK 5 FWZ 1-10	1-10 FS	0523060001
DEK 5 FWZ 11-20	11-20	0523060011
DEK 5 FWZ 21-30	21-30	0523060021
DEK 5 FWZ 31-40	31-40	0523060031
DEK 5 FWZ 41-50	41-50	0523060041
DEK 5 FWZ 51-60	51-60	0523060051
DEK 5 FWZ 61-70	61-70	0523060061
DEK 5 FWZ 71-80	71-80	0523060071
DEK 5 FWZ 81-90	81-90	0523060081
DEK 5 FWZ 91-100	91-100	0523060091

Type	Stamped	Order No.
DEK 5 GW +	+	0576261198
DEK 5 GW -	-	0576291199
DEK 5 GW $\frac{1}{2}$	$\frac{1}{2}$	0576261202
DEK 5 GW \oplus	\oplus	0576261203
DEK 5 GW L1	L1	0522361075
DEK 5 GW L2	L2	0522361076
DEK 5 GW L3	L3	0522361077
DEK 6 - HORIZONTAL		
DEK 6 Neutral	Blank	0468560000
DEK 6 FW 1-50	1-50	0468660001
DEK 6 FW 51-100	51-100	0468660051
DEK 6 FW 101-150	101-150	0468660101
DEK 6 FW 151-200	151-200	0468660151
DEK 6 FW 201-250	201-250	0468660201
DEK 6 FW 251-300	251-300	0468660251
DEK 6 FW 301-350	301-350	0468660301
DEK 6 FW 351-400	351-400	0468660351
DEK 6 FW 401-450	401-450	0468660401
DEK 6 FW 451-500	451-500	0468660451
DEK 6 FWZ 1-10	1-10 FS	0518960001
DEK 6 FWZ 11-20	11-20	0518960011
DEK 6 FWZ 21-30	21-30	0518960021
DEK 6 FWZ 31-40	31-40	0518960031
DEK 6 FWZ 41-50	41-50	0518960041
DEK 6 FWZ 51-60	51-60	0518960051
DEK 6 FWZ 61-70	61-70	0518960061
DEK 6 FWZ 71-80	71-80	0518960071
DEK 6 FWZ 81-90	81-90	0518960081
DEK 6 FWZ 91-100	91-100	0518960091
DEK 6 FWZ L1	L1,L2,L3,N,E	0631961203
DEK 6 GW +	+	1318061198
DEK 6 GW -	-	1318061199
DEK 6 GW $\frac{1}{2}$	$\frac{1}{2}$	1318061202
DEK 6 GW \oplus	\oplus	1318061203
DEK 6.5 - HORIZONTAL		
DEK 6.5 FW 1-50	1-50	0468160001
DEK 6.5 FW 151-200	101-150	0468160101
DEK 6.5 FW 201-250	151-200	0468160151
DEK 6.5 FW 251-300	201-250	0468160201
DEK 6.5 FW 301-350	251-300	0468160251
DEK 6.5 FW 351-400	301-350	0468160301
DEK 6.5 FW 401-450	351-400	0468160351
DEK 6.5 FW 451-500	401-450	0468160401
DEK 6.5 FW 501-550	451-500	0468160451
DEK 6.5 FWZ 1-10	1-10	0519060001
DEK 6.5 FWZ 11-20	11-20	0519060011

Type	Stamped	Order No.
DEK 6.5 FWZ 21-30	21-30	0519060021
DEK 6.5 FWZ 31-40	31-40	0519060031
DEK 6.5 FWZ 41-50	41-50	0519060041
DEK 6.5 FWZ 51-60	51-60	0519060051
DEK 6.5 FWZ 61-70	61-70	0519060061
DEK 6.5 FWZ 71-80	71-80	0519060071
DEK 6.5 FWZ 81-90	81-90	0519060081
DEK 6.5 FWZ 91-100	91-100	0519060091



- GW** (Alpha Characters)
- FW** (Numbers in Sequence)



- FWZ** (Numbers in Sequence of 10)
- BLANK**

Key:
 GS = vertical
 FS = vertical
 GW = horizontal
 FW = horizontal

F

Dekafix (DEK) Pre Printed Markers

Type / Print	Order No.
DEK 5 - VERTICAL	
DEK 5 GS A	0132961021
DEK 5 GS B	0132961022
DEK 5 GS C	0132961023
DEK 5 GS D	0132961024
DEK 5 GS E	0132961025
DEK 5 GS F	0132961026
DEK 5 GS G	0132961027
DEK 5 GS H	0132961028
DEK 5 GS I	0132961029
DEK 5 GS J	0132961030
DEK 5 GS K	0132961031
DEK 5 GS L	0132961032
DEK 5 GS M	0132961033
DEK 5 GS N	0132961034
DEK 5 GS O	0132961035
DEK 5 GS P	0132961036
DEK 5 GS Q	0132961037
DEK 5 GS R	0132961038
DEK 5 GS S	0132961039
DEK 5 GS T	0132961040
DEK 5 GS U	0132961041
DEK 5 GS V	0132961042
DEK 5 GS W	0132961043
DEK 5 GS X	0132961044
DEK 5 GS Y	0132961045
DEK 5 GS Z	0132961046
DEK 5 GS PE	0157261187
DEK 5 GS ⊥	0157261202
DEK 5 GS ⊕	0157261203
DEK 5 FSZ 1-10	0460660001
DEK 5 FSZ 11-20	0460660011
DEK 5 FSZ 21-30	0460660021
DEK 5 FSZ 31-40	0460660031
DEK 5 FSZ 41-50	0460660041
DEK 5 FSZ 51-60	0460660051
DEK 5 FSZ 61-70	0460660061
DEK 5 FSZ 71-80	0460660071
DEK 5 FSZ 81-90	0460660081
DEK 5 FSZ 91-100	0460660091

Type / Print	Order No.
DEK 5 Blank	0473360000
DEK 5 FS 1-50	0473560001
DEK 5 FS 51-100	0473560051
DEK 5 FS 101-150	0473560101
DEK 5 FS 151-200	0473560151
DEK 5 FS 201-250	0473560201
DEK 5 FS 251-300	0473560251
DEK 5 FS 301-350	0473560301
DEK 5 FS 351-400	0473560351
DEK 5 FS 401-450	0473560401
DEK 5 FS 451-500	0473560451
DEK 5 FS 501-550	0473560501
DEK 5 FS 551-600	0473560551
DEK 5 FS 601-650	0473560601
DEK 5 FS 651-700	0473560651
DEK 5 FS 701-750	0473560701
DEK 5 FS 751-800	0473560751
DEK 5 FS 801-850	0473560801
DEK 5 FS 851-900	0473560851
DEK 5 FS 901-950	0473560901
DEK 5 FS 951-999	0473560951
DEK 6 - VERTICAL	
DEK 6 FSZ 1-10	0133360001
DEK 6 FSZ 11-20	0133360011
DEK 6 FSZ 21-30	0133360021
DEK 6 FSZ 31-40	0133360031
DEK 6 FSZ 41-50	0133360041
DEK 6 FSZ 51-60	0133360051
DEK 6 FSZ 61-70	0133360061
DEK 6 FSZ 71-80	0133360071
DEK 6 FSZ 81-90	0133360081
DEK 6 FSZ 91-100	0133360091
DEK 6 FS 1-50	0468760001
DEK 6 FS 51-100	0468760051
DEK 6 FS 101-150	0468760101
DEK 6 FS 151-200	0468760151
DEK 6 FS 201-250	0468760201
DEK 6 FS 251-300	0468760251
DEK 6 FS 301-350	0468760301
DEK 6 FS 351-400	0468760351

Type / Print	Order No.
DEK 6 FS 401-450	0468760401
DEK 6 FS 451-500	0468760451
DEK 6 FS 501-550	0468760501
DEK 6 FS 551-600	0468760551
DEK 6 FS 601-650	0468760601
DEK 6 FS 651-700	0468760651
DEK 6 FS 701-750	0468760701
DEK 6 FS 751-800	0468760751
DEK 6 FS 801-850	0468760801
DEK 6 FS 851-900	0468760851
DEK 6 FS 901-950	0468760901
DEK 6 FS 951-999	0468760951
DEK 6.5 - VERTICAL	
DEK 6.5 FS 1-50	0468260001
DEK 6.5 FS 51-100	0468260051
DEK 6.5 FS 101-150	0468260101
DEK 6.5 FSZ 1-10	0407360001
DEK 6.5 FSZ 11-20	0407360011
DEK 6.5 FSZ 21-30	0407360021
DEK 6.5 FSZ 31-40	0407360031
DEK 6.5 FSZ 41-50	0407360041
DEK 6.5 FSZ 51-60	0407360051
DEK 6.5 FSZ 61-70	0407360061
DEK 6.5 FSZ 71-80	0407360071
DEK 6.5 FSZ 81-90	0407360081
DEK 6.5 FSZ 91-100	0407360091



▪ FS



▪ BLANK

Key:
 GS = vertical
 FS = vertical

Dekafix (DEK) Pre Printed Markers

Type / Print	Order No.
DEK 5 - HORIZONTAL	
DEK 5 GW A	0522761021
DEK 5 GW B	0522761022
DEK 5 GW C	0522761023
DEK 5 GW D	0522761024
DEK 5 GW E	0522761025
DEK 5 GW F	0522761026
DEK 5 GW G	0522761027
DEK 5 GW H	0522761028
DEK 5 GW I	0522761029
DEK 5 GW J	0522761030
DEK 5 GW K	0522761031
DEK 5 GW L	0522761032
DEK 5 GW M	0522761033
DEK 5 GW N	0522761034
DEK 5 GW O	0522761035
DEK 5 GW P	0522761036
DEK 5 GW Q	0522761037
DEK 5 GW R	0522761038
DEK 5 GW S	0522761039
DEK 5 GW T	0522761040
DEK 5 GW U	0522761041
DEK 5 GW V	0522761042
DEK 5 GW W	0522761043
DEK 5 GW X	0522761044
DEK 5 GW Y	0522761045
DEK 5 GW Z	05227610476
DEK 5 GW L1	0522361075
DEK 5 GW L2	0522361076
DEK 5 GW L3	0522361077
DEK 5 GW 1	0522660001
DEK 5 GW 2	0522660002
DEK 5 GW 3	0522660003
DEK 5 GW 4	0522660004
DEK 5 GW 5	0522660005
DEK 5 GW 6	0522660006
DEK 5 GW 7	0522660007
DEK 5 GW 8	0522660008
DEK 5 GW 9	0522660009
DEK 5 GW 10	0522660010

Type / Print	Order No.
DEK 5 GW 11	0522660011
DEK 5 GW 12	0522660012
DEK 5 GW 13	0522660013
DEK 5 GW 14	0522660014
DEK 5 GW 15	0522660015
DEK 5 GW 16	0522660016
DEK 5 GW 17	0522660017
DEK 5 GW 18	0522660018
DEK 5 GW 19	0522660019
DEK 5 GW 20	0522660020
DEK 5 GW 21	0522660021
DEK 5 GW 22	0522660022
DEK 5 GW 23	0522660023
DEK 5 GW 24	0522660024
DEK 5 GW 25	0522660025
DEK 5 GW 26	0522660026
DEK 5 GW 27	0522660027
DEK 5 GW 28	0522660028
DEK 5 GW 29	0522660029
DEK 5 GW 30	0522660030
DEK 5 GW 31	0522660031
DEK 5 GW 32	0522660032
DEK 5 GW 33	0522660033
DEK 5 GW 34	0522660034
DEK 5 GW 35	0522660035
DEK 5 GW 36	0522660036
DEK 5 GW 37	0522660037
DEK 5 GW 38	0522660038
DEK 5 GW 39	0522660039
DEK 5 GW 40	0522660040
DEK 5 GW 41	0522660041
DEK 5 GW 42	0522660042
DEK 5 GW 43	0522660043
DEK 5 GW 44	0522660044
DEK 5 GW 45	0522660045
DEK 5 GW 46	0522660046
DEK 5 GW 47	0522660047
DEK 5 GW 48	0522660048
DEK 5 GW 49	0522660049
DEK 5 GW 50	0522660050

Type / Print	Order No.
DEK 5 FWZ 1-19	0235860000
DEK 5 FWZ 21-39	0235960000
DEK 5 FWZ 41-59	0236060000
DEK 5 FWZ 2-20	0236160000
DEK 5 FWZ 22-40	0236260000
DEK 5 FWZ 42-60	0236360000
DEK 5 FWZ 1-10	0523060001
DEK 5 FWZ 11-20	0523060011
DEK 5 FWZ 21-30	0523060021
DEK 5 FWZ 31-40	0523060031
DEK 5 FWZ 41-50	0523060041
DEK 5 FWZ 51-60	0523060051
DEK 5 FWZ 61-70	0523060061
DEK 5 FWZ 71-80	0523060071
DEK 5 FWZ 81-90	0523060081
DEK 5 FWZ 91-100	0523060091
DEK 5 FW 401-451	0473460401
DEK 5 FW 451-500	0473460451
DEK 5 FW 501-550	0473460501
DEK 5 FW 551-600	0473460551
DEK 5 FW 601-650	0473460601
DEK 5 FW 651-700	0473460651
DEK 5 FW 701-750	0473460701
DEK 5 FW 751-800	0473460751
DEK 5 FW 801-850	0473460801
DEK 5 FW 851-900	0473460851
DEK 5 FW 901-950	0473460901
DEK 5 FW 951-999	0473460951
DEK 5 FW +	0576261198
DEK 5 FW -	0576261199
DEK 5 GS $\frac{1}{3}$	0576261202



■ **GW**
(Alpha Characters)



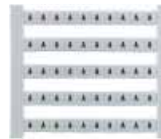
■ **FW**
(Numbers in Sequence)

Key:
GW = horizontal
FW = horizontal

Dekafix (DEK) Pre Printed Markers

Type / Print	Order No.
DEK 6 - HORIZONTAL	
DEK 6 GW 1	0522660001
DEK 6 GW 2	0522660002
DEK 6 GW 3	0522660003
DEK 6 GW 4	0522660004
DEK 6 GW 5	0522660005
DEK 6 GW 6	0522660006
DEK 6 GW 7	0522660007
DEK 6 GW 8	0522660008
DEK 6 GW 9	0522660009
DEK 6 GW 10	0522660010
DEK 6 FWZ 1-10	0518960001
DEK 6 FWZ 11-20	0518960011
DEK 6 FWZ 21-30	0518960021
DEK 6 FWZ 31-40	0518960031
DEK 6 FWZ 41-50	0518960041
DEK 6 FWZ 51-60	0518960051
DEK 6 FWZ 61-70	0518960061
DEK 6 FWZ 71-80	0518960071
DEK 6 FWZ 81-90	0518960081
DEK 6 FWZ 91-100	0518960091
DEK 6 FWZ 101-110	0518960101
DEK 6 FWZ 111-120	0518960111
DEK 6 FWZ 121-130	0518960121
DEK 6 FWZ 131-140	0518960131
DEK 6 FWZ 141-150	0518960141
DEK 6 FWZ 151-160	0518960151
DEK 6 FWZ 161-170	0518960161
DEK 6 FWZ 171-180	0518960171
DEK 6 FWZ 181-190	0518960181

Type / Print	Order No.
DEK 6.5 FWZ 1-10	0519060001
DEK 6.5 FWZ 11-20	0519060011
DEK 6.5 FWZ 21-30	0519060021
DEK 6.5 FWZ 31-40	0519060031
DEK 6.5 FWZ 41-50	0519060041
DEK 6.5 FWZ 51-60	0519060051
DEK 6.5 FWZ 61-70	0519060061
DEK 6.5 FWZ 71-80	0519060071
DEK 6.5 FWZ 81-90	0519060081
DEK 6.5 FWZ 91-100	0519060091
DEK 6.5 FW 1-50	0468160001
DEK 6.5 FW 51-100	0468160051
DEK 6.5 FW 101-150	0468160101
DEK 6.5 FW 151-200	0468160151
DEK 6.5 FW 201-250	0468160201
DEK 6.5 FW 251-300	0468160251
DEK 6.5 FW 301-350	0468160301
DEK 6.5 FW 351-400	0468160351
DEK 6.5 FW 401-450	0468160401
DEK 6.5 FW 451-500	0468160451



▪ **GW**
(Alpha Characters)



▪ **FW**
(Numbers in Sequence)

Key:

GW = horizontal

FW = horizontal

The MultiCard Concept

A Printing System for Terminals, Wires and Devices

Versatile and rapid creation of individual markers with the MultiCard system enables you to save time and costs when marking your electrical installation.

The MultiCard marking system consists of a coordinated combination of:

MultiCard Printers

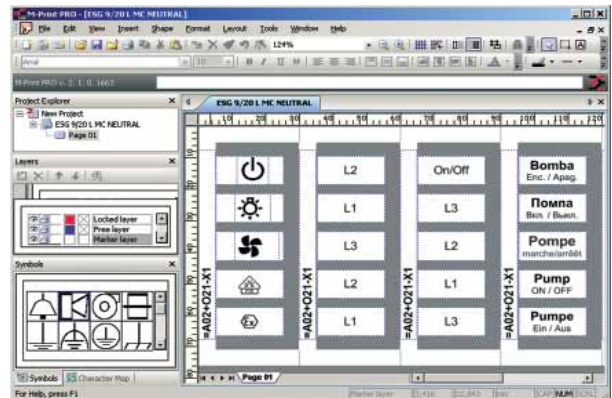
Weidmüller developed the **MCP Plus Plotter** and **NEW PrintJet PRO** printers specially for the MultiCard concept. No compromises were made with regard to printing quality, printing speed or operating convenience. All of the advantages of modern-day printing technology have been optimised to suit the MultiCard system.



Weidmüller's MultiCard concept is a standardised, innovative printing system with more than 100 marker variations for terminal connectors, wires and cables as well as devices and installations from a wide range of manufacturers.

MultiCard Software

Using the software **M-Print® PRO**, you can plan individual printing of single MultiCard strips. Irrespective of the sequence of the characters, it is possible to prepare markings for whole blocks of terminals in advance. You only need to create the markers you currently need – and in the order the assembly dictates. This then prevents delays and confusion during installation procedures.



The benefits to you:

- Excellent printing quality
- Fast printing
- Wipe-proof, scratch-resistant markers

The benefits to you:

- Individual planning of labelling
- No need for stocks of preprinted labels
- Easy integration of graphics
- Data transfer from CAE systems
- Ideal for creating, printing and ordering markers & labels

MultiCard Markers

The uniform format of the strips for individual markers forms the heart of Weidmüller's MultiCard concept. Supplied in strips, individual tags can easily be separated thanks to knockout perforations, or mounted as complete strips in a single action to save time.



Quick And Easy Custom Print Markers Service

We know your time is money and you may not want to invest in a complete printing system. That is why Weidmüller offers a Custom Print Marker Service with individual terminal markers, cable markers or device markers printed to your exact marking specifications.



The benefits to you:

- Variations to suit all your marking needs
- Mount as individual tags or together in strips
- Cut mounting time and effort
- Excellent material characteristics
- No scraping tags together during installation

It is so quick and easy...

- I) Just email Weidmüller a spreadsheet with your marker details or use our free software to do it for you.
- II) Weidmüller will then print your individual custom print markers for a speedy delivery. Small or large runs are not a problem and the next day delivery service, will be available if urgently required.

MCP Plus Plotter

MCP Plus Plotter

Weidmüller's MCP Plus Plotter including the updated plotter controls via the M-Print PRO software complements the Weidmüller range of marking systems and the MultiCard concept. It provides a high flexibility for users that print on either labels or any type of MultiCard. An automated pen depot allows the storage of plotter pens directly at the machine and the special sealing keeps the plotter pens from drying up.

The special Weidmüller positioning frame that holds up to five MultiCards increases the productivity by 25% compared to other printing systems. With the Weidmüller MCP Plus Plotter you only need the standard positioning frame and for SlimFix cable markers (Size 4 to 6) the additional SF-plate. Thus with just 2 frames you can use our complete range of MultiCard markers for terminals, cables and other electrical equipment marking. Other printing systems often need up to 18 different plates which makes the system needlessly expensive and makes handling a lot more difficult and time consuming. Additionally the MCP plus plotter - Label positioning frame allows you to print on any kind of paper or polyester label.



Type	Description	Qty	Order No.
Plotter	MCP Plus Plotter Set	1	1925000000

Accessories for MCP Plus Plotter

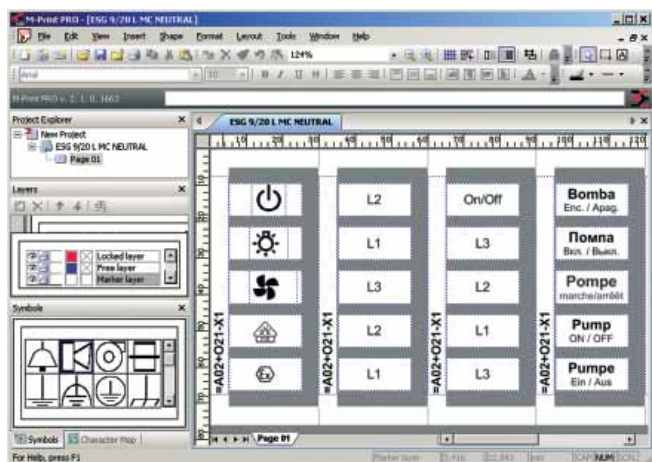


Type	Description	Qty	Order No.
MCP Plotter Pens	Plotter Pen 0.18 - Reusable Pen	1	1768570000
	Plotter Pen 0.25 - Reusable Pen	1	1768540000
	Plotter Pen 0.25 P Ink - Disposable Pen 8ml	1	1920640000
	Plotter Pen 0.35 - Reusable Pen	1	1768550000
	Plotter Pen 0.35 P Ink - Reusable Pen 8ml	1	1920650000
	Plotter Pen 0.50 - Reusable Pen	1	1768560000
MCP	MCP POS. Frame SF6-4	1	1924310000

M-Print® PRO Label Designer Software

Print and ordering software for markers and labels. **M-Print® PRO** is a professional software for printing and ordering Weidmüller markers and labels under Windows®.

This software helps you to optimise your processes for marking electrical equipment. You can design, print and order your marking materials effortlessly, professionally and quickly: texts, frames, lines, graphics, barcodes, serial numbers and photos.



M-Print® PRO is available in two editions:

- M-Print® PRO Standard Edition for professional printing results with all of Weidmüller's marking materials
- M-Print® PRO Advanced Edition for professional printing results with all of Weidmüller's marking materials plus labels to customer specification

Ordering Data		M-Print® PRO
Type	Qty	Order No.
M-Print® PRO	1	1925000000
M-Print® PRO Advanced	1	1905500000

A FULLY COORDINATED & INTELLIGENT PRINTING SYSTEM

THE NEW PRINTJET PRO ... YOUR ALL-IN-ONE
PRINTER, MARKER & SOFTWARE SOLUTION



The third generation new PrintJet PRO is based on an evolution in printing technology ...

CUTTING EDGE TECHNOLOGY – Fast, colour, top quality, high resistant printing

RELIABILITY – Perfect for constant use, low maintenance, ideal for large quantities and high capacity ink cartridges

SAFETY – Water-based ink so no hazardous waste, environmentally friendly, no odours, low noise level and auto stop when printer is opened

EASE OF USE – Ergonomic due to pivoted display, easy to replace ink cartridges and automatic marker MultiCard feed via integrated loader

www.printjetpro.com

www.weidmuller.com.au

Weidmüller 

Systemised marking for optimised processes

With its new marking concept, Weidmüller offers a forward-looking solution that reduces costs and optimises processes. The concept comprises printing and marking systems, printer software and

services provided locally throughout the world. The third-generation PrintJet PRO is part of an intelligent and fully coordinated system. The PrintJet PRO is based on an evolution in printing technology and

reduces processing costs across the board. The constant-use printer stands for fast, low-maintenance and environmentally friendly printing.



Marker

The MultiCard range comprises more than 150 versions, giving customers the choice between neutral MultiCards and preprinted markers.

- β Terminal, wire, cable and device markers
- β Resistant to chemicals, non-fade
- β Halogen-free material

Software

The PrintJet PRO is delivered with the M-Print® PRO software so the printer can be easily integrated into the production and process.

- β Data transfer from the leading CAE systems
- β Quick access to planning details and templates

Service

Weidmüller offers a service network that spans the globe and local contact partners for all queries regarding marking and printing.

- β On-site presentation of the system
- β Constant updates and information
- β Online software training programmes

F



Dekafix - WS/ZS

- Material: Polyamide 66
- Flammability class acc. UL94: V2
- Temperature range: - 40°C ... +100°C


**DEKAFIX For Weidmüller Terminals:
SAK, W, Z and P Series**

Type	Order No. (Blank)	Qty / Pack	Order No. (Printed)	Markers Per Card
DEK 5/5	1609801044	1000	1609810000	200
DEK 5/6	1609820000	1000	1609830000	200
DEK 5/6.5	1609840000	900	1609850000	180
DEK 5/3.5	1755270000	500	1767730000	100


**WS/ZS For Weidmüller Terminals:
SAK, W, Z and P Series**

Type	Order No. (Blank)	Qty / Pack	Order No. (Printed)	Markers Per Card
WS 8/5 MC	1640740000	720	1640750000	144
WS 10/5 MC	1635000000	720	1635010000	144
WS 12/5 MC	1609860000	720	1609870000	144
WS 15/5 MC	1609880000	480	1609890000	96
WS 12/6 MC	1609900000	600	1609910000	120
WS 12/6.5 MC	1609920000	540	1609930000	108

ESG, Switch Mark

- Material: Polyamide 66
- Flammability class acc. UL94: V2
- Temperature range: - 40°C ... +100°C

▪ **ESG**



Type	Order No. (Blank)	Qty / Pack	Order No. (Printed)	Markers Per Card
ESG 7/20 Sirius	1736181044	200		
ESG 8/17 MC Neutral	1674740000	200	1674750000	40
ESG 8/17 SCHS MC Neutral	1720610000	200		
ESG 8/17 SYS PRO M	1755340000	200	1755350000	40
ESG 8/19 MC Neutral	1652220000	200	1652230000	40
ESG 9/17 K Neutral WS	1674760000	200	1674770000	40
ESG 9/17 K Special	1686950000	200		
ESG MC Neutral	1724760000	200		
ESG 9/20 MC Neutral WS	1609940000	200	1609950000	40
SCHS 1 Black	1389000000	1		
SCHS 2 SK. F. ESG	1720600000	1		

▪ **SWITCH MARK**

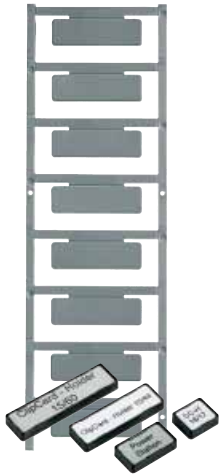


Type	Order No. (Blank)	Qty / Pack	Order No. (Printed)	Markers Per Card
SM 27/12.5 K White (Adhesive)	1699880000	80	1699890000	16
SM 27/12.5 White	1699840000	80	1699850000	16
SM 27/18 K White (Adhesive)	1707270000	80	1707280000	16
SM 27/18 White	1699860000	80	1699870000	16
SM 27/8 White	1699820000	80	1699830000	16
SM 27/27 K White (Adhesive)	1773220000	60	1773240000	12
SM 27/27 White	1783000000	60	1783100000	12
SM-H 27/12.5 Holder	1766400000	25		
SM-H 27/18 Holder	1716630000	25		
SM-H 27/27 Holder	1782710000	10		

F

Clip Card Device Markers

Clip Card



Type	Order No. (Blank)	Qty / Pack	Order No. (Printed)	Markers Per Card
Clip Card Device Marker				
CC 15/49 MC	1877260000	40	1877200000	8
CC 15/60 MC	1877350000	40	1877300000	8
CC 15/17 KMC (Self-Adhesive)	1876590000	80	1876600000	16
CC 15/27 KMC (Self-Adhesive)	1876640000	80	1876750000	16
CC 15/49 KMC (Self-Adhesive)	1877220000	40	1877230000	8
CC 15/60 KMC (Self-Adhesive)	1877310000	40	1877320000	8
Clip Card Holder				
CC-H 15/60 Holder	1878910000	25		
STR CC 15/17 Protective Sleeve	1888310000	80		
STR CC 15/27 Protective Sleeve	1888290000	80		
STR CC 15/49 Protective Sleeve	1888300000	40		
STR CC 15/60 Protective Sleeve	1888280000	40		
Clip Card Protective Foil				
ETO CC 15/17	1880850000	1 (228 Labels/ Sheet)		
ETO CC 15/27	1880810000	1 (133 Labels/ Sheet)		
ETO CC 15/49	1880830000	1 (76 Labels/ Sheet)		
ETO CC 15/60	1880840000	1 (57 Labels/ Sheet)		
Clip Card Tag Carrier				
CC Rail 1000	1790150000	1		
CC Rail 1000 Transparent	1790160000	1		

F

Transparent Sleeves TM

- Material: PVC
- Flammability class acc. to UL 94 V2
- - 50°C ... +80°C
- Use inlay tags TM-I next page



Type	Qty	Order No.
TM 201 For Cables Cross Section 0.25-1.5mm²		
TM 201/12	1000	1798640000
TM 201/15	1000	1798620000
TM 201/18	1000	1798600000
TM 201/20	1000	1798580000
TM 201/30	500	1874850000

TM 202 For Cables Cross Section 0.5-2.5mm²		
TM 202/12	1000	1798560000
TM 202/15	1000	1798540000
TM 202/18	1000	1798530000
TM 202/20	1000	1798520000
TM 202/30	500	1874760000

Type	Qty	Order No.
TM 203 For Cables Cross Section 2.5-10mm²		
TM 203/12	500	1798510000
TM 203/15	500	1798490000
TM 203/18	500	1798480000
TM 203/20	500	1798470000
TM 203/30	200	1874770000

Order Instructions

Type	Insulation Outside	Cross-Section Ø Area (mm ²)
TM 201	1.5 ... 2.5	0.25 ... 1.5
TM 202	2.0 ... 4	0.5 ... 2.5
TM 203	4 ... 7	2.5 ... 10

Sleeves (Halogen Free)



Type	Qty/ Pack	Order No. (Blank)
TM 1 For Cables Cross Section 0.5-1.5mm²		
TM 1/12 HF/HB	1000	1719780000
TM 1/18 HF/HB	1000	1719790000
TM 2 For Cables Cross Section 0.75-2.5mm²		
TM 2/12 HF/HB	1000	1719800000
TM 2/18 HF/HB	1000	1719810000
TM 3 For Cables Cross Section 2.5-6mm²		
TM 3/12 HF/HB	500	1719820000
TM 3/18 HF/HB	500	1719830000

F

Cable Marker Holders



Type	Qty/ Pack	Order No. (Blank)
TMX HF Sleeve	500	1748820000
CLI-TM 10/33	100	1763270000

Inlay Tags TM-I: for use with Transparent Sleeve TM

TM-I

- Material: PA 66
- Flammability class acc. to UL 94 V2
- 40°C ... +100°C



Type	Order No. (Blank)	Qty / Pack	Order No. (Printed)	Markers Per Card
TM - 1 12 Neutral	1718411044	320	1718420000	64
TM - 1 15 Neutral	1609981044	400	1609990000	80
TM - 1 18 Neutral	1718431044	320	1718440000	64
TM - 1 20 Neutral	1680411044	400	1680420000	80
TM - 1 30 Neutral	1876390000	300	1876320000	60

SlimFix Cable Markers

- Material: Wemid/Polyamide
- Flammability class to UL94 V0/V2
- 50°C... +120°C/-40°C...100°C
- Simply Slip marker onto cable
- Halogen free

Selection Table

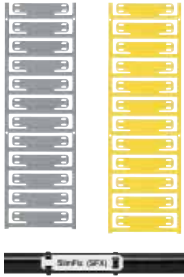
Type	Conductor Outer Ø (Max) mm ²	Conductor Cross Section mm ²
SF 1	1.6 - 2.1 (2.7)	0.5 - 0.75
SF 2	2.1 - 2.9 (3.4)	0.75 - 1.5
SF 3	2.9 - 3.6 (4.5)	1.5 - 2.5
SF 4	3.6 - 4.5 (6.0)	2.5 - 4.0

Type	Conductor Outer Ø (Max) mm ²	Conductor Cross Section mm ²
SF 4.5	4.1 - 4.9	4.0 - 6.0
SF 5	4.7 - 5.8 (6.8)	6.0 - 10.0
SF 6	5.8 - 7.0 (8.5)	10.0 - 16.0
SFX	From 7.0	From 16.0



Type	Min. Conductor Outer Ø mm ²	Min. Conductor Cross Section mm ²	Order No. (Blank)	Qty/ Pack	Order No. (Printed)	Markers Per Card
Length 12mm						
SF 1/12	1.6 ... 2.1	0.5 ... 0.8	1919390000	400	1919420000	80
SF 2/12	2.1 ... 2.9	0.8 ... 1.5	1919490000	400	1919500000	80
SF 3/12	2.9 ... 3.6	1.5 ... 2.5	1919540000	320	1919510000	64
SF 4/12	3.6 ... 4.5	2.5 ... 4.0	1919600000	160	1919610000	32
SF 5/12	4.5 ... 5.8	4.0 ... 6.0	1919650000	160	1919660000	32
Length 21mm						
SF 1/21	1.6 ... 2.1	0.5 ... 0.8	1918630000	400	1918640000	80
SF 2/21	2.1 ... 2.9	0.8 ... 1.5	1918690000	400	1918650000	80
SF 3/21	2.9 ... 3.6	1.5 ... 2.5	1918910000	320	1918880000	64
SF 4/21	3.6 ... 4.5	2.5 ... 4.0	1919080000	192	1919050000	48
SF 4.5/21	4.1 ... 4.9	4.0 ... 6.0	1919020000	96	1918990000	32
SF 5/21	4.7 ... 5.8	6.0 ... 10	1919140000	160	1919110000	32
SF 6/21	5.8 ... 7.0	10 ... 16	1919190000	160	1919160000	32

SlimFix Cable Markers for Larger Cables



Type	Order No. (Blank)	Qty/ Pack	Order No. (Printed)	Markers Per Card
SFX 9/24 Neutral White	1696140001	160	1852480000	32
SFX 11/60 MC Neutral Grey	1860130000	60	186014GRAU	12
SFX 11/60 MC Neutral Yellow	1860150000	60	186014GELB	12
SFX 11/60 MC Neutral White	1860120000	60	186014WEIS	12

SlimFix Clip

- Halogen-free material
- Flammability class V2
- Can be retro-fitted
- Sold Per Card
- Simply Clip-on markers to cables



Selection Table

Type	Conductor Outer Ø (Max) mm ²	Conductor Cross Section mm ²
SFC 0	1.5 ... 2.5 mm ²	0.5 - 1.0 mm ²
SFC 1	2.0 ... 3.5 mm ²	0.75 - 2.5 mm ²
SFC 2	2.5 ... 5.0 mm ²	2.5 - 4.0 mm ²

Type	Min. Conductor Outer Ø mm ²	Min. Conductor Cross Section mm ²	Order No. (Blank)	Qty/ Pack	Order No. (Printed)	Markers Per Card
Length 12mm						
SFC 0/12	1.5 ... 2.5	0.5 ... 1.0	1813130000	200	1813180000	40
SFC 1/12	2.0 ... 3.5	0.75 ... 2.5	1747320001	200	1752720001	40
SFC 2/12	2.5 ... 5.0	2.5 ... 4.0	1758320001	120	1763480001	24
Length 21mm						
SF 0/21	1.5 ... 2.5	0.5 ... 1.0	1813190000	200	1813230000	40
SF 1/21	2.0 ... 3.5	0.75 ... 2.5	1779080001	200	1779090000	40
SF 2/21	2.5 ... 5.0	2.5 ... 4.0	1805810000	120	1805800000	24
Length 30mm						
SFC 0/30	1.5 ... 2.5	0.5 ... 1.0	1813240000	150	1813280000	30
SFC 1/30	2.0 ... 3.5	0.75 ... 2.5	1805760000	150	1805750000	30
SFC 2/30	2.5 ... 5.0	2.5 ... 4.0	1805870000	90	1805860000	18



Labels

Plain Labels

Suitable for DIN A4 laser printers, to characterise device markers

- Material: Polyester, no PVC content
- Flammability class acc. UL94: HB
- Temperature range °C: - 45°C ... +150°C



Type	Qty/ Pack	Label/ Sheets	Colour	L x H mm	Order No.
LM MT 300 15/4 WS	10	627	White	15.24 x 6.35	1724141044
LM MT 300 15/6 WS	10	484	White	15.24 x 6.35	1686361044
LM MT 300 20/8 WS	10	279	White	20.32 x 8.46	1686381044
LM MT 300 25.4/12.7 WS	10	147	White	25.4 x 12.7	1686391044
LM MT 300 26/10 WS	10	182	White	26 x 10	1686401044
LM MT 300 17/9 WS	10	290	White	17.78 x 9.52	1724151044
LM MT 300 30/20 WS	10	78	White	30 x 20	1724161044

Write on Labels - Self Laminating

The tags are easily detached from the perforated DIN 4 sheets, labelling by means of laser, for printing conductors and cables

- Material: Polyester film
- Flammability class acc. UL94: HB
- 40°C ... +12°C
- Clear adhesive strip fixes over marking area to protect printing



Type	Qty/ Pack	Label/ Sheets	Colour	L x H mm	Order No.
LM WRITE ON 34/18 WS	10	88	White	34 x 17.8	1695711044
LM WRITE ON 55/23 WS	10	40	White	55 x 22.8	1695721044
LM WRITE ON 68/25 WS	10	28	White	68 x 25.4	1695731044
LM WRITE ON 93/36 WS	10	15	White	93 x 35.5	1695741044
LM WRITE ON 140/25 WS	10	16	White	140 x 25	1712491044

LM Pocket Pack

Clear adhesive strip fixes over marking area to protect printing

Type	Qty/ Pack	Order No.
WRITE ON TP 75/25	60	1689881044
WRITE ON TP 150/25	30	1689891044
STI-5 Pen	1 Fine Point Permanent Marker	0508401694

INTELLIGENT SOLUTIONS FOR DECENTRALISED POWER DISTRIBUTION

FIELDPOWER® FOR TRANSMITTING POWER OVER LONG DISTANCES



**MORE INFORMATION
SEE SECTION G, PAGE 9**

FieldPower® is the flexible economic solution for decentralised power distribution in mechanical and plant engineering, at airports, in intra-logistics, motorcar production and anywhere there is a need to distribute power over long distances. The innovative solution includes PowerBox distribution boxes, isolating switches, plug-in connectors (optional with fuse functions), prefabricated cable sets and a full range of accessories.

- All-in-one: For universal application as feeder, extension and as two-way T-output
- Current-carrying capacity up to 41A in branches or outgoing and feed circuits
- Pre-fabricated cables or fabrication on the spot

www.weidmuller.com.au

Weidmüller 

Introduction



▪ Decentralised Power Distribution with the PowerBox	G.2
▪ FieldPower Product Details	G.3
▪ FieldPower Decentralised Power with PowerBox	G.4 - G.5
▪ FieldPower Product Family	G.6

Power Distribution



▪ PowerBox	G.7
▪ PowerBox XL	G.7
▪ Power Terminal	G.8
▪ PT6	G.8
▪ PowerBox Fuse	G.9

Connectors



▪ Power Distribution	G.10
▪ PTS 4	G.11
▪ PTDS 4	G.11

Accessories



▪ Seals for PowerBox	G.12
▪ Strain Relief	G.12
▪ Seal IP30	G.12
▪ Coding Element	G.13
▪ Locking Element	G.13

Introduction

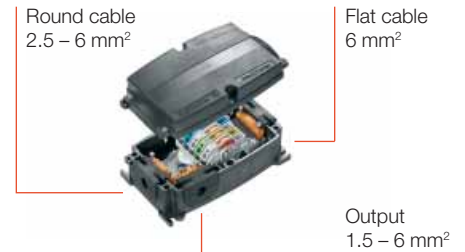
Decentralised Power Distribution with the PowerBox

FieldPower® is the flexible, economic solution for decentralised power distribution in mechanical and plant engineering, at airports, in intra-logistics, motorcar production and anywhere there is a need to distribute power over long distances. The innovative solution includes PowerBox distribution boxes, maintenance switches, plug-in connectors (optionally with fuse function), prefabricated cable sets and a full range of accessories.

The power is distributed via an uncut round or flat cable. The pick-off is done at any suitable position close to the consuming device using the PowerBox with IDC technology. Branches and outgoing feeders to starters and frequency inverters are realised as “pluggable” or “fixed”. This reduces the length of cable runs and shortens installation time. FieldPower® reduces the overall costs of the project and increases flexibility for extending the plant or in the event of subsequent redesigns.

The benefits are impressive:

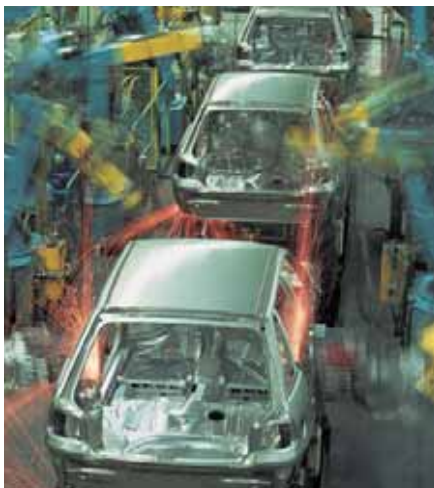
- All-in-one: the PowerBox for universal application as feeder, extension and as two-way T-output
- Prefabricated cables or fabrication on the spot
- Current-carrying capacity up to 41 A in branches or outgoing and feed circuits
- Construction of line, tree and network structures



For all your layout needs: FieldPower®

Technical data	
Rated voltage	800 V/600 V UL
Rated current	41 A
Class of protection	IP65
Temperature range	
- Assembly	from 10 °C to +40 °C
- Operation	from -15 °C to +55 °C
Material	Polycarbonate, silicone and halogen-free
Approvals	UL/CSA under preparation

FieldPower® Applications



Automotive

- Skid conveyors
- Power & free installations
- Floor conveyors



Intra-logistics

- Roller conveyors
- Belt conveyors
- Chain conveyors



Airport logistics

- Cargo conveying systems
- Baggage conveyors

Introduction

FieldPower® Product Details



1 Marking

- User-friendly, clearly understood marking of all connections
- Colour and number-coded combined marking
- Prevention of installation errors



4 Housing

- Housing accepts loads of up to 1500 N thanks to glass fibre reinforced plastic
- Robust fastening lugs for convenient installation
- Halogen and silicone-free



2 IDC technology

- IDC contact 2.5 mm² to 6 mm² in one module
- Time-saving and convenient – no insulation stripping, no special tools
- Maximum contact reliability through patented separate spring



5

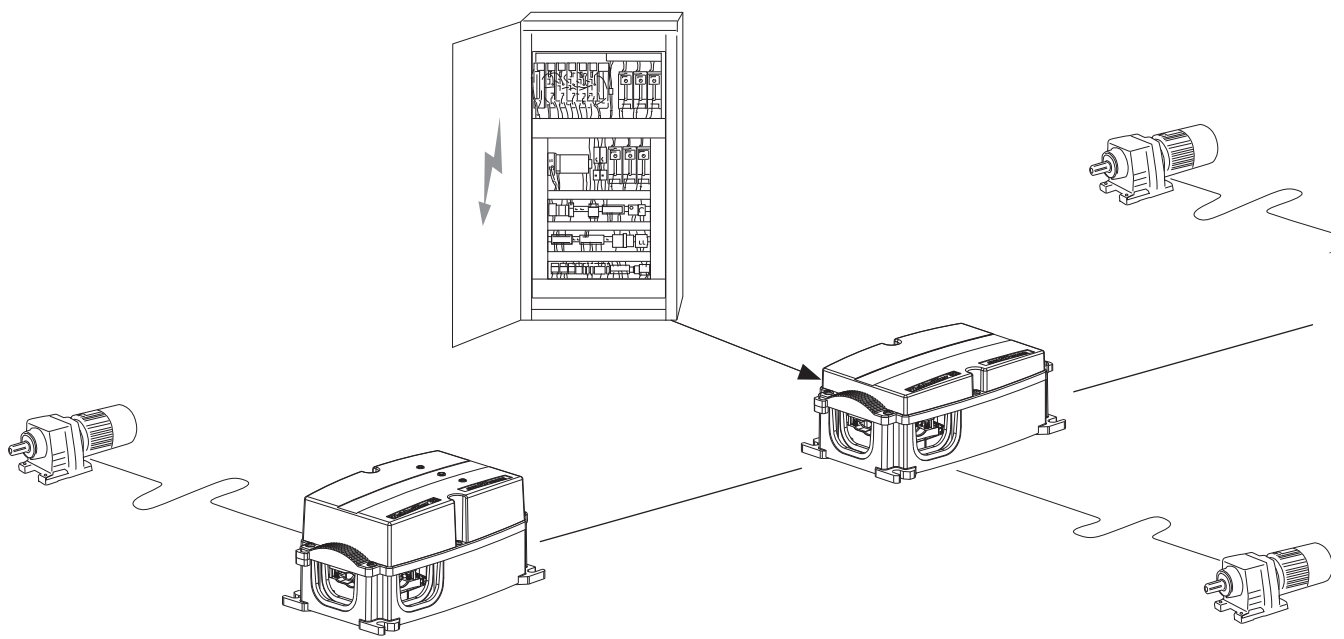
5 Protection classes

- Free choice between three IP protection classes depending on application site
- IP65 for tough industrial environments and optimum protection
- IP30 and IP20 for space-saving installation in, for example, cable trays



3 Strain relief

- True strain relief for round and flat cables
- Excellent protection from mechanical stresses
- User-friendly through additional plug-in fixing in the unscrewed state



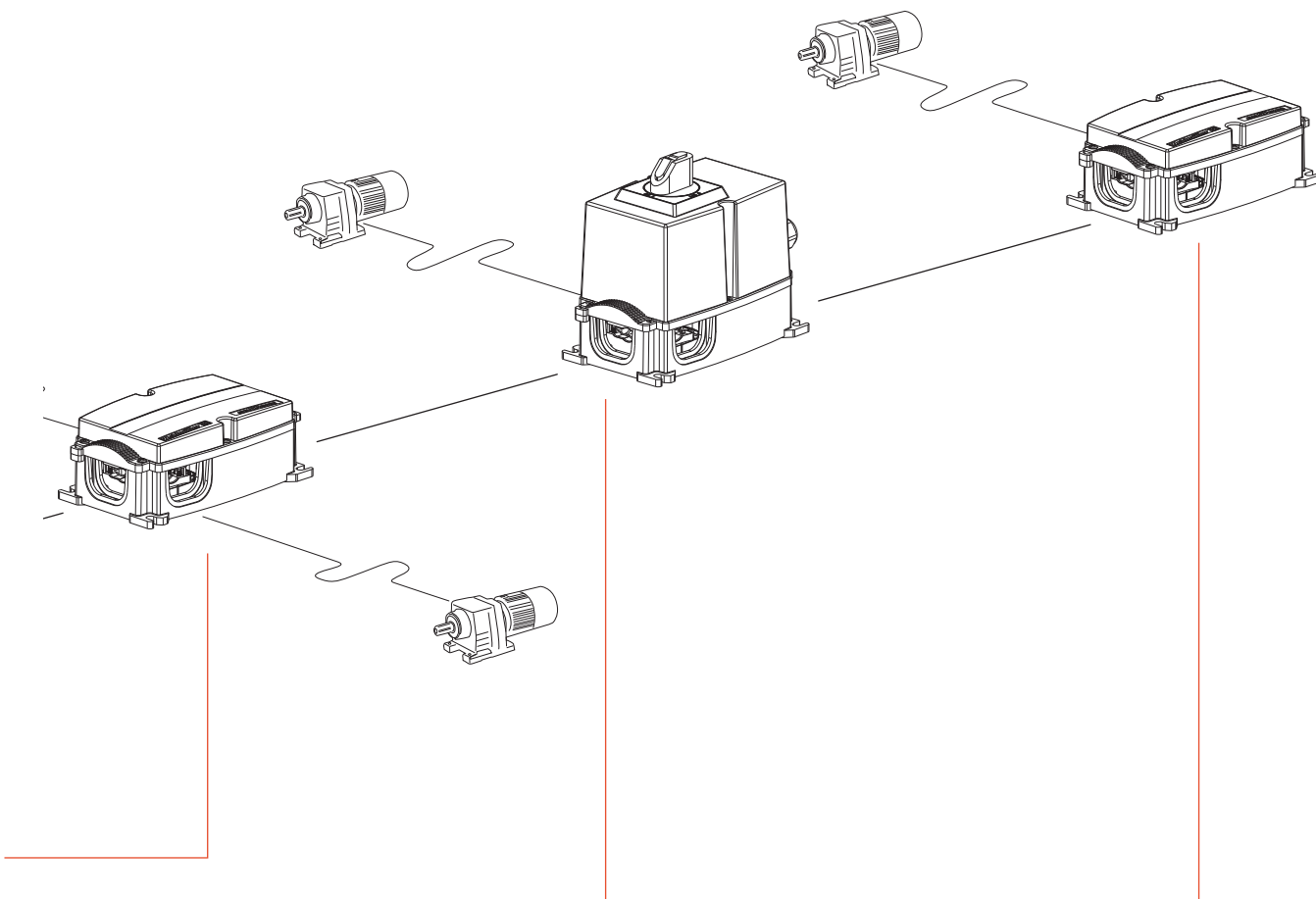
Circuit protection and distribution

- Protection with reduced cross-section of outgoing cables
- Fast installation through quick-action push-in connection on the fuse connector
- Simple fault diagnosis through failure indicator with red LEDs



Centre infeed and distribution

- Feed via push-in permanent connection
- Distribution of power via IDC contact
- T-output via plug-in connector



Decentralised maintenance switch

- Safe disconnection of individual consumers
- Simple and quick installation with prefabricated plug-in connectors
- Acknowledgement of switch position via M12 connection
- 3 padlocks secure against unintentional start-up

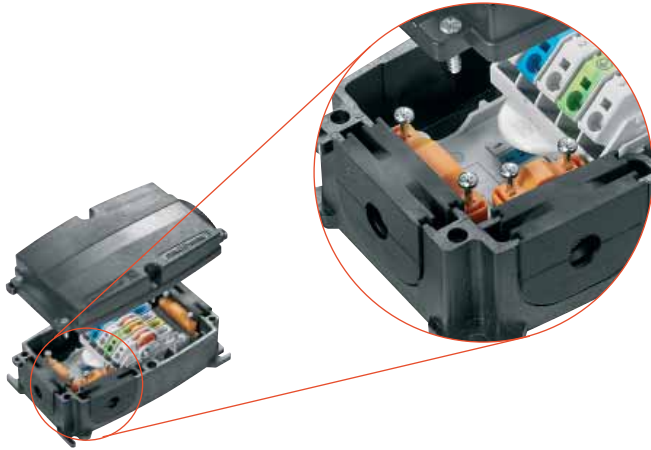


Line termination

- Line termination with the PowerBox
- No additional module required
- Later extension of the power line possible

Introduction

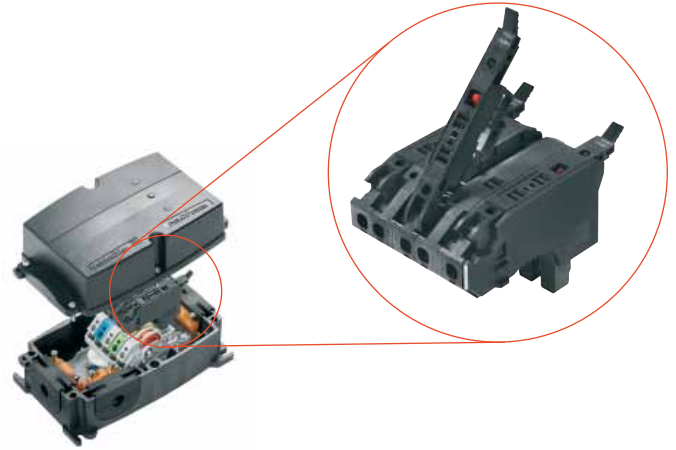
FieldPower® Product Family



PowerBox

The all-in-one base module for decentralised power distribution. Feed, T-output and extension of power line – one module!

- Rated voltage: 800 V
- Rated current: 41 A
- IP65 Class of protection for tough industrial environments



PowerBox Fuse

The PowerBox with additional plug-in connector with cartridge fuses. Cross-section reductions on outgoing lines are therefore protected in accordance with the standard.

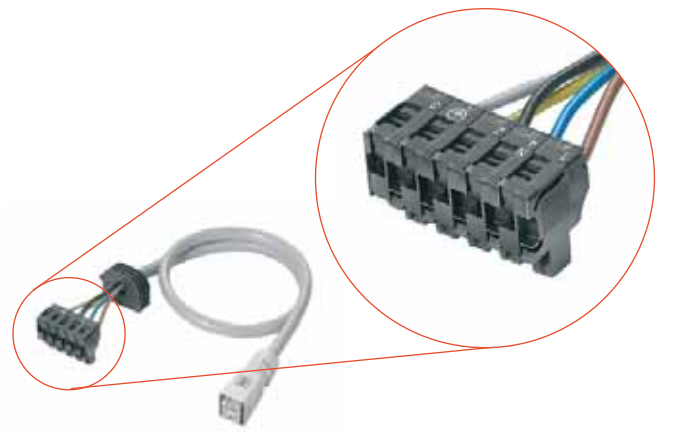
The externally visible failure indicator simplifies fault diagnosis.



PowerBox On/Off with maintenance switch

The high-performance PowerBox with on/off function can be used as decentralised load disconnecter in tough industrial environments.

Individual conveyors lines or consuming devices can be disconnected from the supply without having to shut down the entire installation.



Prefabricated outgoing cables

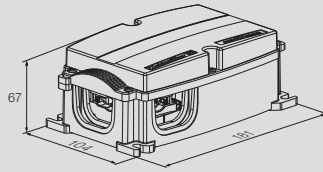
For quick and convenient connection of consuming devices, FieldPower® offers customised fabricated connecting cables. Through plug & play on the spot, installation times are significantly shortened.

Power Distribution

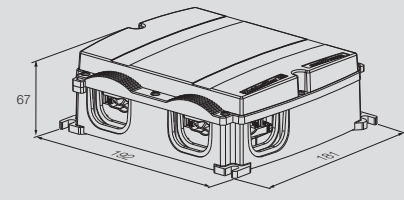
PowerBox

Contact element for uncut power cables (flat or round) with conductor cross-sections from 2.5 to 6 mm². T-distribution via Push In connection 1.5 to 6 mm² and/or plug-in connection from 0.5 to 4 mm².

PowerBox



PowerBox XL



Technical data

Rated data to IEC 60947-7-1		
Rated cross-section	6 mm ²	6 mm ²
Rated voltage/Rated current	800 V/41 A	800 V/41 A
Rated impulse withstand voltage	8 kV	8 kV
General data		
Insulating material/Colour	Polycarbonate/black	Polycarbonate/black
UL 94 flammability class	5VA	5VA
Halogen-free/Silicone-free	Yes/Yes	Yes/Yes
Ingress protection class	IP 65	IP 65
Temperature range, assembly, min.-max.	10 °C ... 40 °C	10 °C ... 40 °C
Operating temperature, min.-max.	-15 °C ... 55 °C	-15 °C ... 55 °C
IDC clamping range, power cable		
Solid, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Stranded, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Flexible, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Flexible, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Blade size	0.6 x 3.5 mm	0.6 x 3.5 mm
Clamping Push In connection - Distribution		
Solid, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Stranded, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 8 mm, DIN 46228/1, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 8 mm, DIN 46228/4, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 12 mm, DIN 46228/1, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 12 mm, DIN 46228/4, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Finely stranded, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Stripping length/Blade size	14 mm/0.6 x 3.5 mm	14 mm/0.6 x 3.5 mm
UL rating data		
Rated voltage/Rated current, user group C	600 V/	600 V/
AWG conductor (field wiring), min./max.	14 /10	14 /10
CSA rating data		
Rated voltage/Rated current, user group C	600 V/	600 V/
AWG conductor (field wiring), min./max.	14 /10	14 /10
Note	UL / CSA in preparation	UL / CSA in preparation

Ordering data

Type	Qty.	Order No.	Type	Qty.	Order No.
PowerBox	1	1957580000	PowerBox XL	1	1957590000
Note					

Accessories

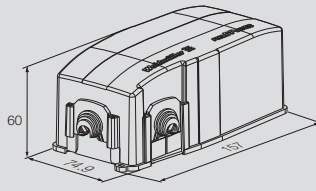
Note		
------	--	--

Power Distribution

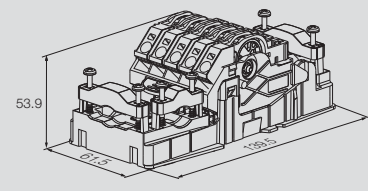
PowerTerminal

Contact element for uncut power cables (flat or round) with conductor cross-sections from 2.5 to 6 mm². T-distribution via Push In connection 1.5 to 6 mm² and/or plug-in connection from 0.5 to 4 mm².

PowerTerminal



PT6



Technical data

Rated data to IEC 60947-7-1		
Rated cross-section	6 mm ²	6 mm ²
Rated voltage/Rated current	800 V/41 A	800 V/41 A
Rated impulse withstand voltage	8 kV	8 kV
General data		
Insulating material/Colour	Polycarbonate/grey	PA/grey
UL 94 flammability class	5VA	V0
Halogen-free/Silicone-free	Yes/Yes	Yes/Yes
Ingress protection class	IP 30	IP 20
Temperature range, assembly, min.-max.	10 °C ... 40 °C	10 °C ... 40 °C
Operating temperature, min.-max.	-15 °C ... 55 °C	-15 °C ... 55 °C
IDC clamping range, power cable		
Solid, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Stranded, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Flexible, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Flexible, min.-max.	2.5 mm ² -6 mm ²	2.5 mm ² -6 mm ²
Blade size	0.6 x 3.5 mm	0.6 x 3.5 mm
Clamping Push In connection - Distribution		
Solid, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Stranded, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 8 mm, DIN 46228/1, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 8 mm, DIN 46228/4, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 12 mm, DIN 46228/1, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Flexible, AEH, 12 mm, DIN 46228/4, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Finely stranded, min.-max.	1.5 mm ² -6 mm ²	1.5 mm ² -6 mm ²
Stripping length/Blade size	14 mm/0.6 x 3.5 mm	14 mm/0.6 x 3.5 mm
UL rating data		
Rated voltage/Rated current, user group C	600 V/	600 V/
AWG conductor (field wiring), min./max.	14 /10	14 /10
CSA rating data		
Rated voltage/Rated current, user group C	600 V/	600 V/
AWG conductor (field wiring), min./max.	14 /10	14 /10
Note	UL / CSA in preparation	UL / CSA in preparation

Ordering data

Type	Qty.	Order No.	Type	Qty.	Order No.
PowerTerminal	1	1963570000	PT6	1	1957620000
Note					

Accessories

Note		
------	--	--

Power Distribution

PowerBox Fuse

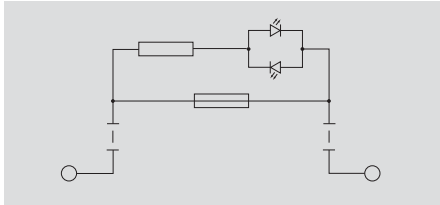
Contact unit (for uncut power cable) with fuse connector.

Max. power loss for G fuse terminals in imitation of IEC 60947-7-3:

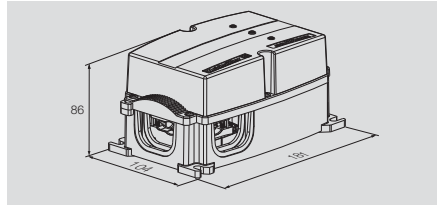
- Overload protection 1.6 W
- 4 W short-circuit protection exclusively (max. power loss at 23° T₁)

If choosing G cartridge fuse, do not exceed max. power loss.

In the event of a faulty fuse, the following power circuit is not de-energised.



PowerBox Fuse



Technical data

Rated data to IEC 60947-7-1	
Rated cross-section	6 mm ²
Rated voltage/Rated current	690 V/12.5 A
Rated impulse withstand voltage	8 kV
General data	
Insulating material/Colour	Polycarbonate/black
UL 94 flammability class	5VA
Halogen-free/Silicone-free	Yes/Yes
Ingress protection class	IP 65
Temperature range, assembly, min.-max.	10 °C ... 40 °C
Operating temperature, min.-max.	-15 °C ... 55 °C
IDC clamping range, power cable	
Solid, min.-max.	2.5 mm ² -6 mm ²
Stranded, min.-max.	2.5 mm ² -6 mm ²
Flexible, min.-max.	2.5 mm ² -6 mm ²
Flexible, min.-max.	2.5 mm ² -6 mm ²
Blade size	0.6 x 3.5 mm
Clamping Push In connection - Distribution	
Solid, min.-max.	1.5 mm ² -6 mm ²
Stranded, min.-max.	1.5 mm ² -6 mm ²
Flexible, min.-max.	1.5 mm ² -6 mm ²
Flexible, AEH, 8 mm, DIN 46228/1, min.-max.	1.5 mm ² -6 mm ²
Flexible, AEH, 8 mm, DIN 46228/4, min.-max.	1.5 mm ² -6 mm ²
Flexible, AEH, 12 mm, DIN 46228/1, min.-max.	1.5 mm ² -6 mm ²
Flexible, AEH, 12 mm, DIN 46228/4, min.-max.	1.5 mm ² -6 mm ²
Finely stranded, min.-max.	1.5 mm ² -6 mm ²
Stripping length/Blade size	14 mm/0.6 x 3.5 mm
General information • connectors	
Clamping range, min.-max.	0.5 mm ² -4 mm ²
Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")
Failure indicator	Red LED
UL rating data	
Rated voltage/Rated current, user group C	/
AWG conductor (field wiring), min./max.	14 /10
CSA rating data	
Rated voltage/Rated current, user group C	/
AWG conductor (field wiring), min./max.	14 /10
Note	UL / CSA in preparation

Ordering data

Type	Qty.	Order No.
PowerBox Fuse	1	1961780000

Note

With fuse, voltage and current rating are determined by G cartridge fuse used.

Accessories

Note

Fusible links not included with product.

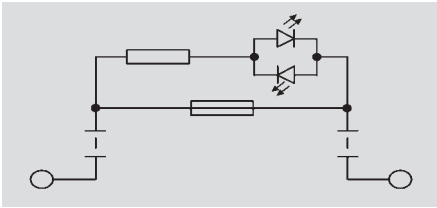


Power Distribution

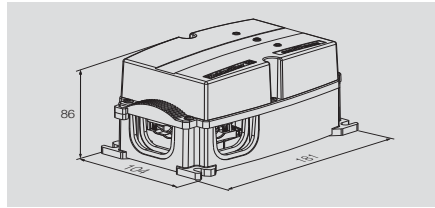
PowerBox On/Off

Decentralised maintenance switch based on PowerBox distribution unit.

- Prefabricated connector inside
- M20 hole for cable gland prepared
- M12 contact for checkback signal of switch position
- Auxiliary contact



PowerBox On/Off



Technical data

Rated data to IEC 60947-7-1

Rated cross-section

Rated voltage/Rated current

Rated impulse withstand voltage

General data

Insulating material/Colour

UL 94 flammability class

Halogen-free/Silicone-free

Ingress protection class

Temperature range, assembly, min.-max.

Operating temperature, min.-max.

IDC clamping range, power cable

Solid, Stranded, Flexible min.-max.

Blade size

Clamping Push In connection - Distribution

Solid, Stranded, Flexible, Finely Stranded min.-max.

Flexible, AEH, 8 mm, DIN 46228/1 or 4, min-max.

Flexible, AEH, 12 mm, DIN 46228/1 or 4, min-max.

Stripping length/Blade size

UL rating data

Rated voltage/Rated current, user group C

AWG conductor (field wiring), min./max.

CSA rating data

Rated voltage/Rated current, user group C

AWG conductor (field wiring), min./max.

Technical Data Switch

Type

Order no. Manufacturer

Operational Voltage

Impulse withstand voltage

Thermal current / 40 °C (in enclosure)

Operational current AC-23A

Operational power AC-23A

Clamping range min. / max

Clamping range min. / max

Terminal tightening torque

Operating torque

Note

6 mm²

800 V/41 A

8 kV

Polycarbonate/black

5VA

Yes/Yes

IP 65

10 °C ... 40 °C

-15 °C ... 55 °C

2.5 mm²-6 mm²

0,6 x 3,5 mm

1,5 mm²-6 mm²

1,5 mm²-6 mm²

1,5 mm²-6 mm²

14 mm/0,6 x 3,5 mm

600 V/ (UL in preparation please ask)

14 /10

600 V/ (UL in preparation please ask)

14 /10

ABB OT16 ET3 16A

1SCA022352R6610

750 V

8 kV

25 A

16 A

7,5 kW

0,75 mm²... 10 mm²

AWG 18 ... AWG 8

0,8 Nm

1 Nm

Ordering data

Type	Qty.	Order No.
PowerBox On/Off	1	1003260000

Note

Accessories

Note

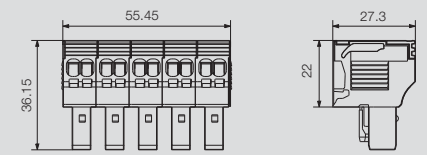
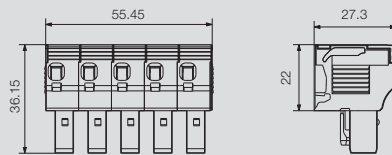
Connectors

Connectors

Connector with Push In connection technology for conductors 0.5 to 4 mm². Codable and interlocking, with print for error-free wiring.

PTS 4

PTDS 4



Technical data

Rated data to IEC 60947-7-1		
Rated cross-section	4 mm ²	4 mm ²
Rated voltage/Rated current	690 V/32 A	690 V/32 A
Rated impulse withstand voltage	8 kV	8 kV
General information • connectors		
Type of mounting	plugged	plugged
Insulating material/Colour of insulating material	PA GF/black	PA GF/black
UL 94 flammability rating of insulation material	V0	V0
Constant operating temp., min.-max.	-50 °C ... 120 °C	-50 °C ... 120 °C
Outgoing direction of conductor	90°	90°
Test point	2 mm	2 mm
Codable	yes	yes
Conductor connection system	Push In	Push In
No. of Poles	5	5
No. of connections / pole	1	2
Clamping Push In connection		
Clamping range, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Solid, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Stranded, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Flexible, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Flexible, AEH, 8 mm, DIN 46228/1, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Flexible, AEH, 8 mm, DIN 46228/4, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Flexible, AEH, 12 mm, DIN 46228/1, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Flexible, AEH, 12 mm, DIN 46228/4, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Flexible, min.-max.	0.5 mm ² -4 mm ²	0.5 mm ² -4 mm ²
Stripping length/Blade size	12mm /3.0 x 0.5 mm	12mm /3.0 x 0.5 mm
UL rating data		
Rated voltage/Rated current, user group C	600 V/	600 V/
AWG conductor (field wiring), min./max.	22 /12	22 /12
CSA rating data		
Rated voltage/Rated current, user group C	600 V/	600 V/
AWG conductor (field wiring), min./max.	22 /12	22 /12

Note

UL / CSA in preparation

UL / CSA in preparation

Ordering data

Type	Qty.	Order No.	Type	Qty.	Order No.
PTS 4	10	1952120000	PTDS 4	10	1952130000

Note

Accessories

Note

Accessories

Seals for PowerBox



Round Cable Sealing

- Seals for IP65 protection
- Silicon-free and halogen-free
- Contains slit for easy assembly

Description	Type	Cross Section (Diameters)	Qty	Order No.
Round Cable Sealing	RKDG D9 PT6	7 - 9 mm	10	4329610000
	RKDG D11 PT6	9 - 11 mm	10	4323210000
	RKDG D13 PT6	11 - 13 mm	10	4323230000
	RKDG D15 PT6	13 - 15 mm	10	4323220000
	RKDG D17 PT6	15 - 17 mm	10	4324010000



Flat Cable Sealing

- Seals for IP65 protection
- Silicon-free and halogen-free
- Contains slit for easy assembly

Description	Type	Clamping Range (mm)	Qty	Order No.
Flat Cable Sealing	FKDG 8x27 PT6	8 x 27 mm	10	4323990000



Dummy Plug Sealing

- Seals for IP65 protection
- Silicon-free and halogen-free
- Contains slit for easy assembly

Description	Type	Qty	Order No.
Dummy Plug Sealing	DG D0 PT6	10	4323240000

Strain Relief



- For Cable Diameters 15 - 17mm

Description	Type	Qty	Order No.
Strain Relief	Set	1	4329610000

Seal IP30



- For IP30 Cover Power Terminal

Description	Type	Qty	Order No.
Seal IP30	DGSB IP30 D0 PT6	10	1967600000

Accessories

Coding Element



- For Plug In Connectors

Description	Type	Qty	Order No.
Coding Element	KOSF ZT2.5	50	1816150000

Locking Element



- For Plug In connectors

Description	Type	Qty	Order No.
Locking Element	ZVR ZP2.5	25	1816130000

Notes

Notes

Notes

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media. For this purpose we list corrections, which have been identified after publishing printed media, on our web site at **www.weidmuller.com.au**

All orders are based on our standard terms and conditions of sale, which can be viewed on our website www.weidmuller.com.au. On request we can also send out our terms and conditions to you.

Weidmuller Power Solutions

Weidmuller is a leading manufacturer of Power Electrical and Electronic products that are designed, tested and certified to the most stringent Australian and International standards. The extensive 'Power Products' portfolio encompasses, devices, modules and accessories essential to the requirements of Electrical Engineers, Electricians and Technicians.

Weidmuller 'Power Products' are used worldwide in switchboards, machines and vehicles where ever electrical power is terminated, switched, conditioned or transformed. With over sixty years of experience and our strict attention to quality, reliability and efficient functionality Weidmuller is the sensible choice for all your power electrical and electronic needs.

- Terminals
- Markers
- Industrial Multipole Connectors
- Power Supplies
- Relays & Optocouplers
- Surge Protection
- Enclosures
- Cable Glands
- Tools
- Accessories

Or contact your local reseller or wholesaler:

Weidmuller Pty Ltd (Head Office)
43 Huntingwood Drive, Huntingwood
NSW 2148
Phone +61 (0) 2 9671 9999
Fax +61 (0) 2 9671 9900
Email info@weidmuller.com.au

www.weidmuller.com.au

Power Product Distributors

NSW: Sydney

Ramelec (NSW) Pty Ltd

Phone: (02) 9684 6700

Fax: (02) 9684 6722

nsw@ramelec.com.au

NSW: North & Central Coast

PDC Group (Aust) Pty Ltd

Phone: (02) 4952 5200

Fax: (02) 4952 9337

pdce@pdcgroup.com.au

NSW: South & Wollongong

Excell Control Pty Ltd

Phone: (02) 4272 1922

Fax: (02) 4272 2957

sales@excellcontrol.com.au

QLD

Ramelec (QLD) Pty Ltd

Phone: (07) 3899 1322

Fax: (07) 3899 1422

qld@ramelec.com.au

VIC

Quador (Aust) Pty Ltd

Phone: (03) 9874 7388

Fax: (03) 9873 5134

sales@quador.com.au

TAS

TAS Electrical & Engineering Supplies

Phone: (03) 6273 9855

Fax: (03) 6273 9866

info@taseande.com.au

SA

Ramelec (SA) Pty Ltd

Phone: (08) 8374 2100

Fax: (08) 8374 2102

sales@ramelec.com.au

NT

Ramelec (NT) Pty Ltd

Phone: 1300 309 303

Fax: 1300 309 308

sales@ramelec.com.au

WA

JTDay Pty Ltd

Phone: (08) 9345 3388

Fax: (08) 9345 3068

enquiries@jtday.com.au

NEW ZEALAND

Cuthbert Stewart Limited

Phone: +64 (0) 4 568 6156

Fax: +64 (0) 4 568 6056

csl@cuthbertstewart.co.nz

Order Number:
1125690000/07/2009