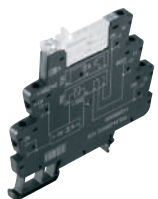


Electronics

C



C.2 Relays

- C.2 TERMSERIES - 6mm & 12mm slimline relays
- C.3 RIDER SERIES - 15mm 1 & 2 C/O relays
- C.4 RCLS - Inrush Power Relays
- C.5 DRM SERIES - Ice cube 1 & 2 C/O relays
- C.6 DRL SERIES - Ice cube 1 & 2 C/O power relays
- C.7 DRR SERIES - 2 & 3 C/O octal relays
- C.8 DRH SERIES - high voltage DC relays
- C.9 DRW SERIES - high voltage AC relays
- C.10 PWR SERIES - high power relays
- C.11 MC5R SERIES - specialty relays



C.19 Surge Protection Devices

- C.19 Varitector SPC for Analogue Signals
- C.20 Varitector VSSC for Analogue Signals
- C.21 Varitector SPC for Binary Signals
- C.22 Varitector VSSC for Binary Signals
- C.23 Varitector SPC for Data & Transmission
- C.24 Varitector SSC for Data & Transmission
- C.24 Varitector SSC for RTD
- C.25 PU I Class 1 for Power Systems
- C.26 PU I Class 1+2 for Power Systems
- C.27 PU II Class 2 for Power Systems
- C.28 PU III Class 3 for Power Systems



C.12 Optocouplers

- C.12 Termopto - 6mm & 12mm plugin slimline optos
- C.12 Microopto - 6mm slimline terminal optos
- C.13 MC50 - specialty optos



C.15 Switchmode Power Supplies

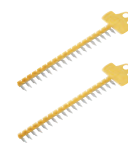
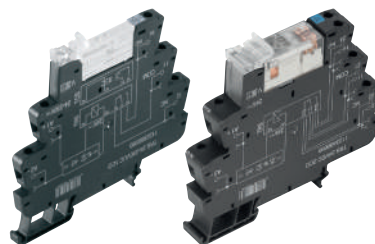
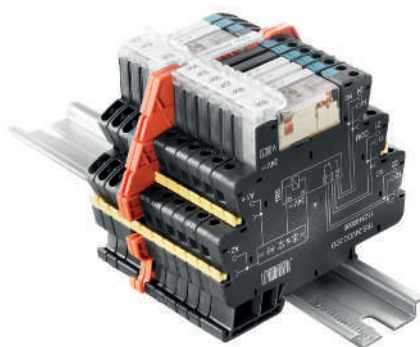
- C.15 PRO M Series - advanced featured power supplies
- C.16 INSTAPOWVER connectPower - compact DIN mount power supplies
- C.16 EasyLine - Chassis mounted power supplies
- C.17 ECOLINE connectPower - economic DIN mount power supplies

Termseries

The new TERMSERIES is the NEXT generation of slimline relays from Weidmüller and incorporates a number of new innovations from its already highly proven MICROSERIES slimline relay family. Not only have Weidmüller’s R&D team managed to design the product in a lower profile space saving housing but they have also managed to increase the structural strength of the product and most importantly also improve its performance.

New Features Include:

- 1 C/O (SPDT) 6A 240VAC/30VDC
- 2 C/O (DPDT) 8A 240VDC/30VDC
- Rigid compact design
- Pluggable Cross Connection On all Tiers
- Symmetrical Design (Capable of cross connecting Coils to contacts)
- Hold down clip / Ejecting Lever with integrated LED (Designed to be visible in all light levels)
- Multi-Voltage Models Available
- NEW Universal Voltage Unit Available
- Colour Coding System for identification ease of voltage types
- Multi Directional Marking



1 C/O

2 C/O

Cross Connectors

TERMSERIES Relays - 1 C/O

Type	LED	Contact Rating	Poles	Coil	Order Number
TRS 12VDC 1CO	*	6A 240VAC/30VDC	1	DC 12 (+-20%)	1122750000
TRS 24VDC 1CO	*	6A 240VAC/30VDC	1	DC 24 (+-20%)	1122770000
TRS 24VUC 1CO	*	6A 240VAC/30VDC	1	*UC 24 (+-10%)	1122780000
TRS 48VUC 1CO	*	6A 240VAC/30VDC	1	*UC 48 (+-10%)	1122790000
TRS 60VUC 1CO	*	6A 240VAC/30VDC	1	*UC 60 (+-10%)	1122800000
TRS 120VUC 1CO	*	6A 240VAC/30VDC	1	*UC 120 (+-10%)	1122810000
TRS 230VAC RC 1CO	*	6A 240VAC/30VDC	1	AC 230 (+-10%)	1122840000
TRS 230VUC 1 CO	*	6A 240VAC/30VDC	1	*UC 230 (+-10%)	1122820000
TRS 24-230UC 1CO	*	6A 240VAC/30VDC	1	*24-230UC (+-10%)	1122850000

* UC = Universal Voltage (AC/DC)

TERMSERIES Relays - 2 C/O

Type	LED	Contact Rating	Poles	Coil	Order Number
TRS 12VDC 2CO	*	8A 240VAC/30VDC	2	DC 12 (+-20%)	1123480000
TRS 24VDC 2CO	*	8A 240VAC/30VDC	2	DC 24 (+-20%)	1123490000
TRS 24VUC 2CO	*	8A 240VAC/30VDC	2	*UC 24 (+-10%)	1123500000
TRS 48VUC 2CO	*	8A 240VAC/30VDC	2	*UC 48 (+-10%)	1123510000
TRS 60VUC 2CO	*	8A 240VAC/30VDC	2	*UC 60 (+-10%)	1123520000
TRS 120VUC 2CO	*	8A 240VAC/30VDC	2	*UC 120 (+-10%)	1123530000
TRS 230VAC RC 2CO	*	8A 240VAC/30VDC	2	AC 230 (+-10%)	1123570000
TRS 230VUC 2CO	*	8A 240VAC/30VDC	2	*UC 230 (+-10%)	1123540000
TRS 24-230UC 2CO	*	8A 240VAC/30VDC	2	*24-230UC (+-10%)	1123580000

* UC = Universal Voltage (AC/DC)

Accessories

Type	Description	Order Number
ZQV 1.5N/R6.4/2 GE	Cross Connector 2 Pole with 6.4mm Pitch	1193670000
ZQV 1.5N/R6.4/10 GE	Cross Connector 10 Pole with 6.4mm Pitch	1193680000
ZQV 1.5N/R6.4/19 GE	Cross Connector 19 Pole with 6.4mm Pitch	1193690000
ZQV 1.5N/R12.8/10 GE	Cross Connector 10 Pole with 12.8mm Pitch (For Coil Side Of 2C/O Unit)	1193700000
TW TXS/TXZ R3.2	Isolation Plate (Also Suitable For Group Marking)	1240800000
WS 10/6 MC Middle	Marking Plate	1818400000
TXS SUPPLY	Supply Terminal	1240780000

RIDER Series

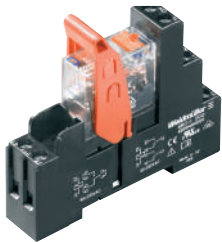
The RIDER Series relays and DIN rail bases were engineered to provide reliable switching over a long service life. The relays feature single or double pole contacts and fit one universal base.

Available in the most requested options of LED indication, protection diode and mechanical test button. With up to 16A switching capacity and only 15mm wide the RIDER Series is fast becoming the relay of choice by engineers, technicians and electricians.

Features Include:

- 15mm wide space saving design
- 1CO (SPDT) = 16A or 2CO (DPDT) = 8A
- Upto 4,000 VA switching capacity
- Models with LED, diode and mechanical test available
- Available as kits or individual parts
- International approvals: CE and cURus
- Other voltages avail. (115V AC, 12, 48, 120 V DC)

RIDER Series - 1 Pole



RIDER Kit



Replacement Relay

Type	Kit Includes	LED	Test Lever	Diode	Coil	Order Number
KIT 24 V DC	Relay + Base	*	*		DC 24	8881580000
KIT 24 V DC	Relay + Base	*			DC 24	8871000000
KIT 24 V AC	Relay + Base	*	*		AC 24	8881590000
KIT 24 V AC	Relay + Base	*			AC 24	8871010000
KIT 230 V AC	Relay + Base	*	*		AC 230	8881600000
KIT 230 V AC	Relay + Base	*			AC 230	8871020000
Replacement Relays						
Relay 24 V DC	Relay	*	*	*	DC 24	8870250000
Relay 24 V DC	Relay	*		*	DC 24	8870100000
Relay 24 V AC	Relay	*	*		AC 24	8870280000
Relay 24 V AC	Relay	*			AC 24	8870130000
Relay 230 V AC	Relay	*	*		AC 230	8870300000
Relay 230 V AC	Relay	*			AC 230	8870150000

RIDER Series - 2 Pole



Base



Hold Down Clip

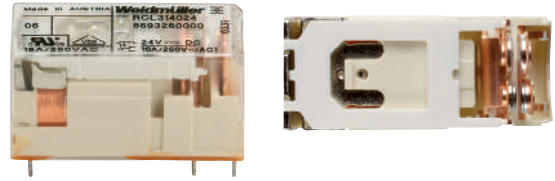
Type	Kit Includes	LED	Test Lever	Diode	Coil	Order Number
KIT 24 V DC	Relay + Base	*	*		DC 24	8881610000
KIT 24 V DC	Relay + Base	*			DC 24	8871030000
KIT 24 V AC	Relay + Base	*	*		AC 24	8881620000
KIT 24 V AC	Relay + Base	*			AC 24	8871040000
KIT 230 V AC	Relay + Base	*	*		AC 230	8881630000
KIT 230 V AC	Relay + Base	*			AC 230	8871050000
Replacement Relays						
Relay 24 V DC	Relay	*	*	*	DC 24	8870320000
Relay 24 V DC	Relay	*		*	DC 24	8870180000
Relay 24 V AC	Relay	*	*		AC 24	8870350000
Relay 24 V AC	Relay	*			AC 24	8870210000
Relay 230 V AC	Relay	*	*		AC 230	8870370000
Relay 230 V AC	Relay	*			AC 230	8870230000

Accessories

Type	Description	Order Number
Base	2CO Plug-in module, snaps onto TS35 mounting rail	8869490000
Hold down clip	Plastic Retaining Clip	8869510000
LED Module DC 24	LED 6 ... 24 V DC with free wheel diode	8869600000
LED Module AC 24	LED 6 ... 24 V DC / V AC	8869630000
LED Module AC 120 / 230	LED 110 ... 230 V DC / V AC	8869650000

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.

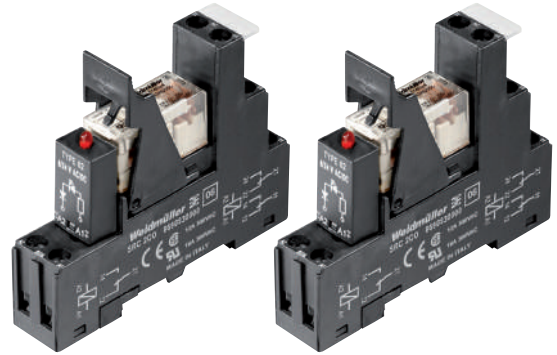


With the addition of a tungsten pre-travel contact in the RCLS 3T version, inrush currents of up to 165A/20ms and 800A/200µs can be reliably switched.

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.

Features Include:

- 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



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

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

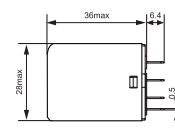
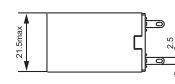
DRM Series

The DRM Series relays and DIN rail bases provide application freedom. Available in two or four pole versions. With contacts made from silver alloy and gold, reliability and long life are designed in from the start.

All industrial and commercial control voltages are available as well as LED indication, protection diode and mechanical test button. Weidmüller's attention to detail even extends to hardening the relay pins to provide reliable insertion every time.

Features Include:

- 2CO (DPDT) = 10A or 4CO (4PDT) = 5A
- 2500 VA switching capacity
- Models with LED, diode and mechanical test available
- Models available with gold plated contacts
- International approvals: CE, UL, TUV
- Other voltages avail. (48, 110, 220 V DC & 48, 115 V AC)



Relay Base

Relay Base

DRM Clip M

DRM Series Relays - DC Coil

Type	LED	Lever	Diode	Poles	Switching Rating	Coil	Order Number
DRM270012L	*			2	DPDT 10A @ 240VAC / 30VDC	DC 12	7760056059
DRM270012LT	*	*		2	DPDT 10A @ 240VAC / 30VDC	DC 12	7760056068
DRM270024L	*			2	DPDT 10A @ 240VAC / 30VDC	DC 24	7760056060
DRM270024LT	*	*		2	DPDT 10A @ 240VAC / 30VDC	DC 24	7760056069
DRM270024LD	*		*	2	DPDT 10A @ 240VAC / 30VDC	DC 24	7760056077
DRM240048L	*			2	DPDT 10A @ 240VAC / 30VDC	DC 48	7760056061
DRM570012L	*			4	4PDT 5A @ 240VAC / 30VDC	DC 12	7760056087
DRM570012LT	*	*		4	4PDT 5A @ 240VAC / 30VDC	DC 12	7760056096
DRM570024L	*			4	4PDT 5A @ 240VAC / 30VDC	DC 24	7760056088
DRM570024LT	*	*		4	4PDT 5A @ 240VAC / 30VDC	DC 24	7760056097
DRM570024LD	*		*	4	4PDT 5A @ 240VAC / 30VDC	DC 24	7760056105
DRM570048L	*			4	4PDT 5A @ 240VAC / 30VDC	DC 48	7760056089

DRM Series Relays - AC Coil

Type	LED	Lever	Diode	Poles	Switching Rating	Coil	Order Number
DRM270524L	*			2	DPDT 10A @ 240VAC / 30VDC	AC 24	7760056064
DRM240524LT	*	*		2	DPDT 10A @ 240VAC / 30VDC	AC 24	7760056073
DRM270730L	*			2	DPDT 10A @ 240VAC / 30VDC	AC 240	7760056067
DRM270730LT	*	*		2	DPDT 10A @ 240VAC / 30VDC	AC 240	7760056076
DRM270730LT	*			4	4PDT 5A @ 240VAC / 30VDC	AC 24	7760056092
DRM570524LT	*	*		4	4PDT 5A @ 240VAC / 30VDC	AC 24	7760056101
DRM570730L	*			4	4PDT 5A @ 240VAC / 30VDC	AC 240	7760056095
DRM570730LT	*	*		4	4PDT 5A @ 240VAC / 30VDC	AC 240	7760056104

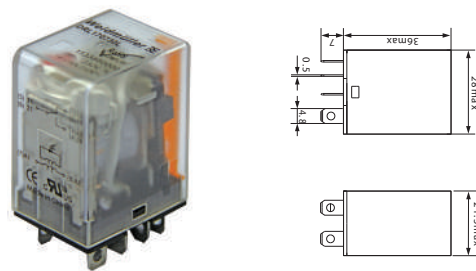
Accessories

Type	Description	Order Number
Base FS2CO	Relay Socket 2 Pole, Screw Terminals	7760056106
Base FS4CO	Relay Socket 4 Pole, Screw Terminals	7760056107
DRM CLIP M	For DRM relay	7760056108

DRL Series

The DRL Series relays are built to provide switching power whilst still providing some flexibility in contact arrangement and allocation of panel space.

All industrial and commercial control voltages are available as well as LED indication. Weidmüller's attention to detail even extends to optimising the selection of the contact material to enable an increased ability to drive inductive loads.



Relay Base

DRM Clip M

Features Include:

- 2CO (DPDT) = 10A or 4CO (4PDT) = 10A
- 2500 VA switching capacity
- High Insulation Voltage (up to 2,500V)
- Suitable for driving Inductive loads
- LED Indication
- International approvals: CE, UL, TUV
- Other voltages avail. (48, 110, 220 V DC & 48, 115 V AC)

DRL Series Relays - DC Coil

Type	LED	Poles	Switching Rating	Coil	Order Number
DRL270012L	*	2	DPDT 10A @ 240VAC / 30 VDC	DC 12	1133510000
DRL270024L	*	2	DPDT 10A @ 240VAC / 30 VDC	DC 24	1133520000
DRL270048L	*	2	DPDT 10A @ 240VAC / 30 VDC	DC 48	1133530000
DRL 270110L	*	2	DPDT 10A @ 240VAC / 30 VDC	DC 110	1133540000
DRL270220L	*	2	DPDT 10A @ 240VAC / 30 VDC	DC 220	1133550000
DRL570012L	*	4	4PDT 10A @ 240VAC / 30 VDC	DC 12	1133620000
DRL570024L	*	4	4PDT 10A @ 240VAC / 30 VDC	DC 24	1133630000
DRL570048L	*	4	4PDT 10A @ 240VAC / 30 VDC	DC 48	1133640000
DRL570110L	*	4	4PDT 10A @ 240VAC / 30 VDC	DC 110	1133650000
DRL570220L	*	4	4PDT 10A @ 240VAC / 30 VDC	DC 220	1133660000

DRL Series Relays - AC Coil

Type	LED	Poles	Switching Rating	Coil	Order Number
DRL270524L	*	2	DPDT 10A @ 240VAC / 30 VDC	AC 24	1133870000
DRL270615L	*	2	DPDT 10A @ 240VAC / 30 VDC	AC 115	1133880000
DRL270730L	*	2	DPDT 10A @ 240VAC / 30 VDC	AC 240	1133890000
DRL570524L	*	4	4PDT 10A @ 240VAC / 30 VDC	AC 24	1133940000
DRL570615L	*	4	4PDT 10A @ 240VAC / 30 VDC	AC 115	1133950000
DRL570730L	*	4	4PDT 10A @ 240VAC / 30 VDC	AC 240	1133960000

Accessories

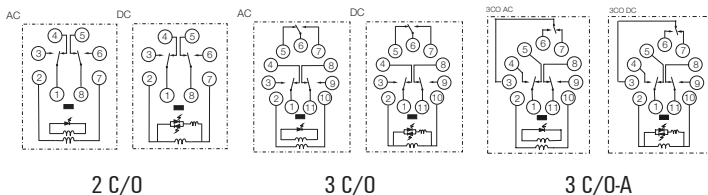
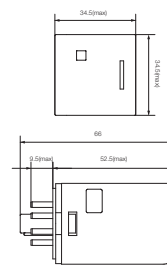
Type	Description	Order Number
Base SLD F 2CO	DRL Relay Socket 2 Pole, Screw Terminals	7760056225
Base SLD F 4CO	DRL Relay Socket 4 Pole, Screw Terminals	7760056227
Clip SLD CLIP M	Hold Down Clip For DRL Relay Socket 2 Pole	7760056242
Clip SLD F CLIP 4CO	Hold Down Clip For DRL Relay Socket 4 Pole	7760056235

DRR Series

The DRR Series relays have been designed with interchangeability in mind. All pinouts and pins have been based on general market requirements.

Features Include:

- 2CO, 8 Pin (DPDT) = 10A or 3CO, 11 Pin (3PDT) = 10A
- 2500 VA switching capacity
- High Insulation Voltage (up to 2,500V)
- LED Indication
- International approvals: CE, UL, TUV
- Other voltages avail. (48, 110, 220 V DC & 48, 115 V AC)



Relay Base



Relay Base

DRR Series Relays - 8 Pin 2 C/O

Type	LED	Alternative Pin Arrangement	Poles	Switching Rating	Coil	Order Number
DRR270012L	*		2	DPDT 10A @ 240VAC / 30VDC	DC 12	1133360000
DRR270024L	*		2	DPDT 10A @ 240VAC / 30VDC	DC 24	1133370000
DRR270524L	*		2	DPDT 10A @ 240VAC / 30VDC	AC 24	1133760000
DRR270730L	*		2	DPDT 10A @ 240VAC / 30VDC	AC 240	1133800000

DRR Series Relays - 11 Pin 3 C/O

Type	LED	Alternative Pin Arrangement	Poles	Switching Rating	Coil	Order Number
DRR370012L	*		3	3PDT 10A @ 240VAC / 30VDC	DC 12	1133410000
DRR370012L-A	*	*	3	3PDT 10A @ 240VAC / 30VDC	DC 12	7760056250
DRR370024L	*		3	3PDT 10A @ 240VAC / 30VDC	DC 24	1133420000
DRR370024L-A	*	*	3	3PDT 10A @ 240VAC / 30VDC	DC 24	7760056251
DRR370524L	*		3	3PDT 10A @ 240VAC / 30VDC	AC 24	1133810000
DRR370524L-A	*	*	3	3PDT 10A @ 240VAC / 30VDC	AC 24	7760056255
DRR370730L	*		3	3PDT 10A @ 240VAC / 30VDC	AC 240	1133830000
DRR370730L-A	*	*	3	3PDT 10A @ 240VAC / 30VDC	AC 240	7760056257

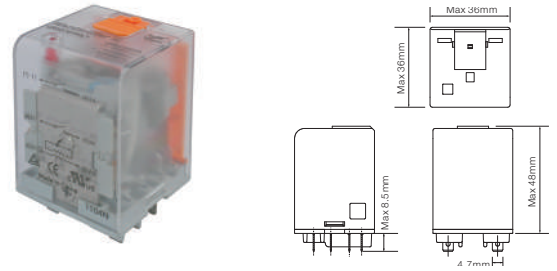
Accessories

Type	Description	Order Number
Base SRD ECO 2CO	DRR Relay Socket 2 Pole (8 PIN), Screw Terminals	1132810000
Base SRD ECO 3CO	DRR Relay Socket 3 Pole (11PIN), Screw Terminals	1132820000
Clip DRR METAL CLIP	Hold Down Clip For DRR Relay Socket Pole	1134160000

DRH Series

The DRH Series relays have been designed specifically to switch high current at high DC voltages over a long service life. The relays feature NO,NC 2xNO or NO/NC contacts that fit in one universal base.

Available in numerous voltage types from 12VDC to 220VDC and 24VAC to 400VAC with a switching capacity up to 10A @ 220VDC and 16 A @500VAC the DRH plug in relay is ideal when you have a harsh DC load that requires switching



Features Include:

- High DC Switching Capability (Up to 16 A@ 500 VAC; 10A @ 220 VDC)
- Magnetic Arc Suppression
- Integrated LED and Test Lever
- High Isolation Voltage (Up to 4000VAC)
- Plug In socket
- Wide Range Of Coil Voltages (12VDC to 220VDC & 24VAC to 400VAC)



Relay Base

DRH Clip M

DRH Series Relays - N/O & N/C OUTPUT

Type	Test Lever	LED	Switching Rating	Contact Arrangement	Coil	Order Number
DRH173012LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/O	DC 12	1219840000
DRH174012LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/C	DC 12	1219940000
DRH173024LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/O	DC 24	1219850000
DRH174024LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/C	DC 24	1219950000
DRH173524LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/O	AC 24	1219890000
DRH174012LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/C	AC 24	1219990000
DRH173730LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/O	AC 240	1219930000
DRH174110LT	*	*	16A @ 500 VAC; 10A @ 220 VDC	N/C	AC 240	1220030000

DRH Series Relays - 2X N/O & 1X NO/NC OUTPUT

Type	Test Lever	LED	Switching Rating	Contact Arrangement	Coil	Order Number
DRH275012LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	N/O & N/C	DC 12	1220040000
DRH276012LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	2 x N/O	DC 12	1220140000
DRH275024LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	N/O & N/C	DC 24	1220050000
DRH276024LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	2 x N/O	DC 24	1220150000
DRH275524LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	N/O & N/C	AC 24	1220090000
DRH276524LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	2 x N/O	AC 24	1220200000
DRH275730LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	N/O & N/C	AC 240	1220130000
DRH276730LT	*	*	16A @ 250 VAC; 3A @ 220 VDC; 7A @ 110VDC	2 x N/O	AC 240	1220230000

Accessories

Type	Description	Order Number
Base SPW ECO 3CO	DRH Relay Socket, Screw Terminals	1220250000
METAL CLIP DRH/DRW	Metal Clip to suit DRH Socket	1220260000

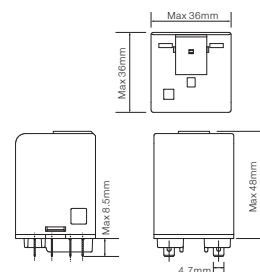
DRW Series

The DRW Series relays have been designed specifically to switch high current at high AC voltage over a long service life. The relays feature 2 or 3 change over contacts that fit in one universal base.

Available in numerous voltage types from 12VDC to 220VDC and 24VAC to 400VAC with a switching capacity up to 16A the DRW plug in relay is ideal when your average plug in relay just wont cut it!

Features Include:

- High AC Switching Capability (16 A@ 400 VAC; 16 A@ 30 VDC)
- Integrated LED and Test Lever
- High Isolation Voltage (Up to 4000VAC)
- Plug In socket
- Wide Range Of Coil Voltages (12VDC to 220VDC & 24VAC to 400VAC)



Relay Base

DRW Clip M

DRW Series Relays - DPDT

Type	Test Lever	LED	Switching Rating	Contact Arrangement	Coil	Order Number
DRW270012LT	*	*	16A @ 400 VAC; 16A @ 30VDC	DPDT	DC 12	1219730000
DRW270024LT	*	*	16A @ 400 VAC; 16A @ 30VDC	DPDT	DC 24	1219740000
DRW270524LT	*	*	16A @ 400 VAC; 16A @ 30VDC	DPDT	AC 24	1219350000
DRW2701730LT	*	*	16A @ 400 VAC; 16A @ 30VDC	DPDT	AC 240	1219380000

DRW Series Relays - 3PDT

Type	Test Lever	LED	Switching Rating	Contact Arrangement	Coil	Order Number
DRW370012LT	*	*	16A @ 400 VAC; 16A @ 30VDC	3PDT	DC 12	1219780000
DRW370024LT	*	*	16A @ 400 VAC; 16A @ 30VDC	3PDT	DC 24	1219740000
DRW370524LT	*	*	16A @ 400 VAC; 16A @ 30VDC	3PDT	AC 24	1219410000
DRW370730LT	*	*	16A @ 400 VAC; 16A @ 30VDC	3PDT	AC 240	1219440000

Accessories

Type	Description	Order Number
Base SPW ECO 3CO	DRW Relay Socket, Screw Terminals	1220250000
METAL CLIP DRH/DRW	Metal Clip to suit DRW Socket	1220260000

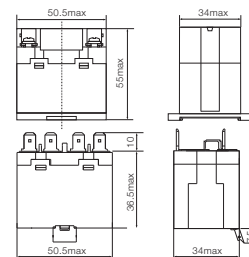
PWR Series

The PWR Series relays have been designed specifically to switch high current over a long service life. The relays feature 1x N/O or 2xN/O contact.

Available in numerous voltage types from 6VDC to 220VDC and 24VAC to 380VAC with a switching capacity up to 30A @ 250VAC and 30A @30VDC the PWR plug in relay is ideal when you have a high current switching requirement that requires the size and reliability of a relay.

Features Include:

- High Current Switching Capability (Up to 30A@ 250 VAC; 30A @ 30 VDC)
- Integrated LED and Test Lever
- High Isolation Voltage (Up to 4000VAC)
- Plug In socket Relay Or Direct mount to Din or Surface
- Wide Range Of Coil Voltages (6VDC to 220VDC & 24VAC to 380VAC)



Relay Base

PWR Series Relays - SCREW CONNECTION (NO BASE REQUIRED)

Type	Test Lever	LED	Switching Rating	Contact Arrangement	Coil	Order Number
PWR173012L		*	30A @ 250 VAC; 30A @ 30 VDC	N/O	DC 12	1219470000
PWR173024L		*	30A @ 250 VAC; 30A @ 30 VDC	N/O	DC 24	1219480000
PWR173524L		*	30A @ 250 VAC; 30A @ 30 VDC	N/O	AC 24	1219090000
PWR173730L		*	30A @ 250 VAC; 30A @ 30 VDC	N/O	AC 240	1219140000
PWR276012L		*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	DC 12	1219540000
PWR276024L		*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	DC 24	1219550000
PWR276524L		*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	AC 24	1219160000
PWR276730L		*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	AC 240	1219190000

PWR Series Relays - PLUG-IN UNITS (BASE REQUIRED)

Type	Test Lever	LED	Switching Rating	Contact Arrangement	Coil	Order Number
PWR153012LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	N/O	DC 12	1219610000
PWR153024LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	N/O	DC 24	1219620000
PWR153524LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	N/O	AC 24	1219230000
PWR153730LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	N/O	AC 240	1219260000
PWR256012LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	DC 12	1219670000
PWR256024LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	DC 24	1219680000
PWR256524LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	AC 24	1219280000
PWR256730LT	*	*	30A @ 250 VAC; 30A @ 30 VDC	2 x N/O	AC 240	1219330000

Accessories

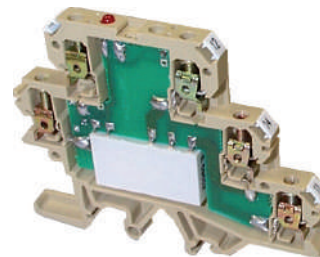
Type	Description	Order Number
PWR Relay Socket	PWR Relay Socket, Screw Terminals	1220240000

MC5R Series

The MC5R is an Australian designed and manufactured terminal relay. Featuring all industry standard requirements the MC5R range offers users a product that can be retrofitted into any solution.

Features Include:

- High Noise Immunity (MC5R Neo)
- Ultra Slim (only 6mm wide)
- LED Status Indication
- Gold Contacts Available for low level switching
- Wide Range Of Coil Voltages (12VDC to 220VDC & 24VAC to 400VAC)
- Back EMF Suppressed Coils



MC5R Series Relays - Standard Arrangements

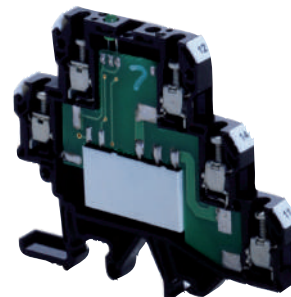
Type	LED	Switching Rating	Contact Arrangement	Coil	Order Number
MC5R 12VDC C/O	*	6A @ 250 VAC; 6A @ 30 VDC	SPDT	DC 12	7901610000
MC5R 24VDC C/O	*	6A @ 250 VAC; 6A @ 30 VDC	SPDT	DC 24	7901620000
MC5R 240VDC C/O	*	6A @ 250 VAC; 6A @ 30 VDC	SPDT	AC 220/240	7901520000
MC5R 12VDC & 24VDC	*	4A @ 250 VAC; 4A @ 30 VDC	N/O (GOLD FLASH)	DC 12 - DC24	7901540000
MC5R 24VDC & 48VDC	*	4A @ 250 VAC; 4A @ 30 VDC	N/O (GOLD FLASH)	DC 24 - DC48	7901550000
MC5R 12VAC/DC 24VAC/DC	*	4A @ 250 VAC; 4A @ 30 VDC	N/O (GOLD FLASH)	UC 12 - UC24	7901560000
MC5R 24VAC/DC 48VAC/DC	*	4A @ 250 VAC; 4A @ 30 VDC	N/O (GOLD FLASH)	UC 24 - UC48	7901570000

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MC5R NEO

Previously all standard relays suffered from high hysteresis. This is where there is a large difference between turn on voltage and drop out voltage. With the MC5R-NEO this is no longer a problem! The MC5R-NEO has high noise immunity which rejects industrial noise and interference in an ultra slim and compact housing!

The MC5R-NEO ultra slim electromechanical relay is the first low hysteresis relay designed especially for the electrically noisy process and control industry.



MC5R Series Relays - Low Hysteresis Relay

Type	LED	Turn On/Off Voltage & Current	Switching Rating	Contact Arrangement	Coil	Order Number
MC5R NEO 24VDC	*	ON: 16.3V / 4.14mA OFF: 14.1V / 1.38mA	6A @ 250 VAC; 6A @ 30 VDC	SPDT	DC 24	7940009903

Accessories

Type	Description	Order Number
AP	END PLATE	4036780000
AP	END PLATE (NEO)	1163830000

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



Screw Connection



Push In Connection

Connection	Type	Switching Data	Clamping Range (Rating -/min / max)	Dimensions (L x W x H)	Order No.
Screw Connection	TOS 12 Vdc	5 ... 48 Vdc / 0.5 A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8950910000
Push In Connection	TOP 12 Vdc	5 ... 48 Vdc / 0.5 A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8950970000
Screw Connection	TOS 24 Vdc	5 ... 48 Vdc / 0.5 A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8950920000
Push In Connection	TOP 24 Vdc	5 ... 48 Vdc / 0.5 A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8950980000
Screw Connection	TOS 48 Vdc	5 ... 48 Vdc / 0.5 A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8950930000
Push In Connection	TOP 48 Vdc	5 ... 48 Vdc / 0.5 A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8950990000
Screw Connection	TOS 24 Vac	5 ... 48 Vdc / 0.5 A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8951020000
Push In Connection	TOP 24 Vac	5 ... 48 Vdc / 0.5 A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8951060000
Screw Connection	TOS 230 Vac	5 ... 48 Vdc / 0.5 A	2.5 / 0.5 / 4	74.5 x 6.1 x 55	8951050000
Push In Connection	TOP 230 Vac	5 ... 48 Vdc / 0.5 A	1.5 / 0.5 / 2.5	79.5 x 6.1 x 55	8951090000

MICROOPTO

- 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

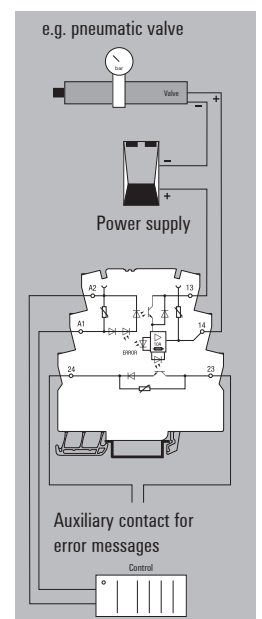


Purpose	Type	Power Rating	Rated Voltage	Dimensions (L x W x H)	Order No.
High switching frequency	12 ... 28 V DC 50 mA 100 kHz	0.08 ... 0.3 W	12 V DC ... 28 V DC	90 x 6.1 x 98	8937990000
DC loads	12 ... 300 V DC 1A	0.26 W	24 V DC ... 5 20%	90 x 6.1 x 98	8937830000
Direct connection of actuators	8 ... 30 V DC 2A	0.12 W	24 V DC ... 5 20%	90 x 6.1 x 98	8937970000
Inductive Modes(DC)	24 V DC 10A	0.4W	24 V DC ... 5 20%	90 x 6.1 x 98	8937940000

The MICROOPTO 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.

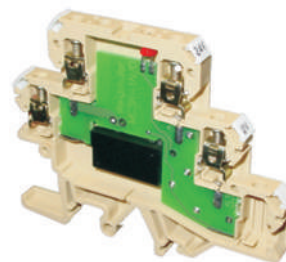
The MICROOPTO SOLENOID solid-state relay is short-circuit-proof and protected against power-related transients and voltage peaks by extensive protective circuits. The closed housing also offers a high level of protection against contact.

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



MC50 Solenoid Driver

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



Type	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
Accessories					
End Plate					7940005681

MC50 Dual Voltage

- Dual input voltage Solid State Relay
- Ultra compact 6mm wide 'Combifoot' housing suits TS32 & TS35
- 4000Vrms isolation
- LED relay state indication
- Input diode protection



Type	Rated Voltage	Max. Continuous Current	Max. Switching voltage	Width	Order No.
Dual Voltage with	12 V DC (24 V DC)	250 mA	60 V DC	6 mm	7906270000
Open Collector Transistor:	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



Weidmüller 

PRO-M

Intelligent solutions for switchmode power supplies

Weidmüller's 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

PRO-M Advanced Feature Switchmode Power Supplies

The optimal and reliable power supply for machinery. The solid, very narrow metal housing of the 10 different versions of the 24 V DC supply enable installation without lateral spacing, thereby saving space on the DIN rail.

AC and DC wide-range inputs and a broad temperature range enable universal use.

Thanks to its high efficiency, over load resistance and high performance reserves, the PRO-M is the reliable power supply in all applications. Should one phase fail, the 3-phase PRO-M power supply modules continue to work reliably, i.e. in two-phase operation.

- The 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
- Confidence of Reliability: MTBF > 500,000 hours
- 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



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Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
1-phase					
70W	3 A	24 V (22.5 to 29.5 V)	85-264Vac / 80-370Vdc	125x33x130	8951330000
120W	5 A	24 V (22.5 to 29.5 V)	85-264Vac / 80-370Vdc	125x40x130	8951340000
180W	7.5 A	24 V (22.5 to 29.5 V)	85-264Vac / 80-370Vdc	125x50x130	8951350000
250W	10 A	24 V (22.5 to 29.5 V)	85-264Vac / 80-370Vdc	150x60x130	8951360000
500W	20 A	24 V (22.5 to 29.5 V)	85-264Vac / 80-370Vdc	150x115x130	8951370000
1000W	40 A	24 V (22.5 to 29.5 V)	85-264Vac / 80-370Vdc	150x140x130	8951380000
3-phase					
120W	5 A	24 V (22.5 to 29.5 V)	320-575Vac / 450-800Vdc	125x40x130	8951390000
250W	10 A	24 V (22.5 to 29.5 V)	320-575Vac / 450-800Vdc	150x60x130	8951400000
500W	20 A	24 V (22.5 to 29.5 V)	320-575Vac / 450-800Vdc	150x115x130	8951410000
1000W	40 A	24 V (22.5 to 29.5 V)	320-575Vac / 450-800Vdc	150x180x130	8951420000

Accessories: Pro M Diode, Capacitor & Relay Modules

Redundant power supply systems increase the availability and thus the machine running time. The new diode modules, with 20 A or 40 A output current and an integrated status relay. The capacitor module provides a safe power supply even at peak loads (e.g. motor start-up) or selective tripping of magnetic circuit breakers (mcp). It can be installed in addition to the power supply at any time. The new relay module monitors the 24 V supply voltage. The simple click-on mounting allows a quick installation and provide a retro fit any time. All modules are designed to be operated in temperatures ranging from -25°C to 75°C



Type	Output Current	Output Voltage	Input Voltage	Input Current	Dimensions (LxWxHmm)	Order No.
Diode Modules						
CP M DM20	0-24 A	24 V DC	18-30VDC	2 x 10 A or 1 x 20 A (redundancy)	150 x 34 x 130	1222210000
CAP M DM40	0-48 A	24 V DC	18-30VDC	2 x 20 A or 1 x 40 A (redundancy)	150 x 60 x 130	1222220000
Capacitor Modules						
CPM CAP	-	-	18-30VDC		150 x 34 x 150	1222240000
Relay Modules						
CP M RM24	10 A @250VAC 5 A @30VDC		18-30VDC		22 x 33 x 28	1222230000

connectPower INSTAPOWERS 1-PHASE 25-48W

- 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

- 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

EasyLine Chassis Mount Power Supplies

- 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	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
250W	10.5 A	24 V	85-264 Vac / 110-370 Vdc	205 x 100 x 50	7760052054
Accessories					
Bracket 250W					7760052061

connectPower ECOLINE 1 & 3-Phase 72-960W

- 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



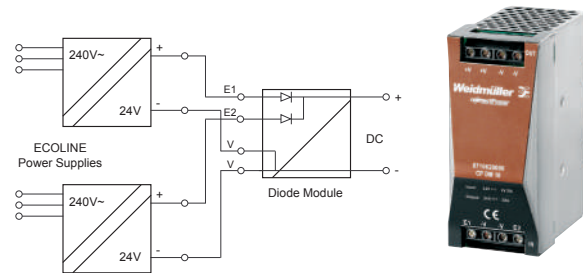
Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWxHmm)	Order No.
1-phase					
72W	3 A	24-28 Vdc	85-264Vac/110-370Vdc	110 x 55.5 x 125	8708660000
120W	5 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	110 x 65.5 x 125	8708670000
240W	10 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	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	40 A	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

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Accessories: ECOLINE Diode Modules

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: C Tick, CE, UL, CSA



Type	Output Current	Output Voltage	Input Voltage	Input Current	Dimensions (LxWxHmm)	Order No.
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



Weidmüller 

Surge Protection For control & instrumentation

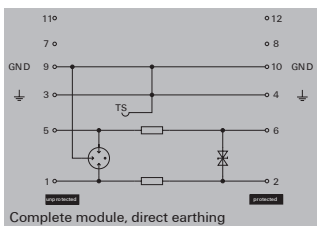
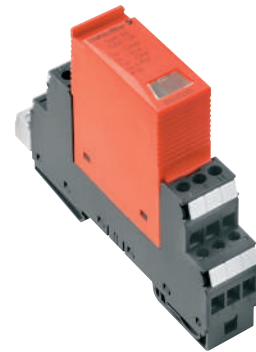
Weidmüller introduces a new family of surge protection modules for Control and Instrumentation in the form of its VARITECTOR SSC AND SPC modules.

www.weidmuller.com.au

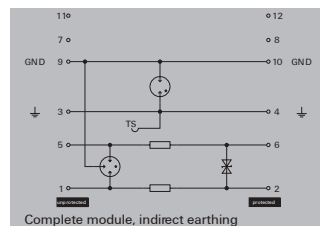
Varitector SPC for Analogue Signals

Features Include:

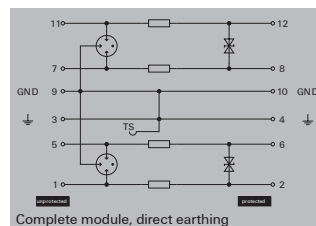
- Designed for protection of analogue signals
- I_{max} 10kA (8/10us) wire-wire / wire-PE / GND-PE (2x 10kA wire-PE 2 channel unit)
- Low Resistance per path 2.2Ω
- Version with floating-earth PE connection for avoiding potential differences
- Pluggable arrester (plug-in disconnect interruption - free and impedance neutral)
- Optional alarm function for status indication
- Space saving design 1 and 2 Channel (90 x 17.8x69mm) and (98 x 17.8 x 69mm)
- Large operational temperature -40°C...+70°C
- IP20
- Can be tested with V-TEST testing device
- Tested in accordance with installations standard IEC62305



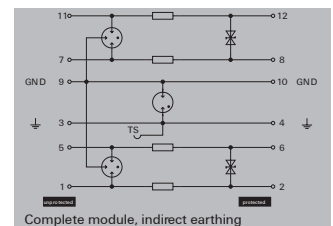
VSPC 1CL - Direct earthing



VSPC 1CL - Indirect earthing



VSPC 2CL - Direct earthing



VSPC 2CL - Indirect earthing

VSPC - 1 CL (1 Channel Unit)

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level (wire-wire/wire-PE/GND-PE)	Order Number No Alarm Contact	Order Number With Alarm Contact
VSPC 1CL 12VDC 0.5A	15VDC	-	450mA	25V / 450 / 650V	8924450000	8951540000
VSPC 1CL 24VDC 0.5A	28VDC	-	450mA	45V / 450V / 650V	8924480000	8951550000
VSPC 1CL 24VAC 0.5A	39VDC	28VAC	450mA	60V / 450V / 650V	8924500000	8951560000
VSPC 1CL 48VAC 0.5A	85VDC	60VAC	350mA	85V / 450V / 650V	8924520000	-

VSPC - 2 CL (2 Channel Unit)

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level (wire-wire/wire-PE/GND-PE)	Order Number No Alarm Contact	Order Number With Alarm Contact
VSPC 2CL 12VDC 0.5A	15VDC	-	450mA	25V / 450 / 800V	8924440000	8951470000
VSPC 2CL 24VDC 0.5A	28VDC	-	450mA	45V / 450V / 800V	8924470000	8951480000
VSPC 2CL 24VAC 0.5A	39VDC	28VAC	450mA	60V / 450V / 800V	8924490000	1093400000
VSPC 2CL 48VAC 0.5A	85VDC	60VAC	350mA	85V / 450V / 650V	8951490000	-

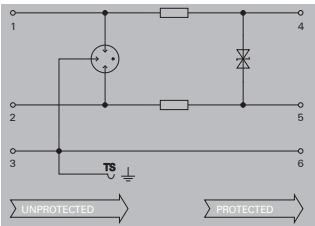
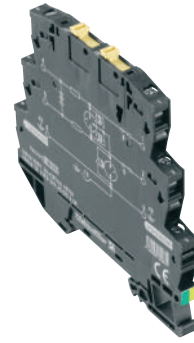
Accessories

Type	Description	Order Number
VSPC BASE 1CL	Base, direct earthing	8924730000
VSPC BASE 1CL FG	Base, indirect earthing via spark gap (FG, floating ground)	8924290000
VSPC BASE 1CL R	Base, direct earthing with alarm contact	8951730000
VSPC BASE 1CL R FG	Base, indirect earthing with alarm contact	8951740000
VSPC BASE 2CL	2 Channel Base, direct earthing	8924710000
VSPC BASE 2CL FG	2 Channel Base, indirect earthing via spark gap (FG, floating ground)	8924270000
VSPC BASE 2CL R	2 Channel Base, direct earthing with alarm contact	8951710000
VSPC BASE 2CL R FG	2 Channel Base, indirect earthing with alarm contact	8951720000

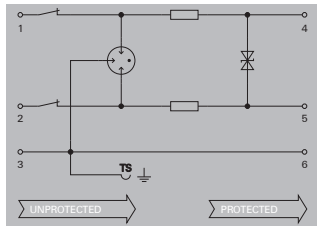
Varitector VSSC for Analogue Signals

Features Include:

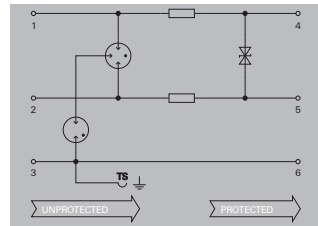
- Designed for protection of analogue signals
- I_{max} 5kA (8/10us) wire-wire / wire-PE
- Version with floating-earth (FG) PE connection for avoiding potential differences
- Slimline Design with a width of 6.2mm
- Optional disconnection feature for loop testing
- Large operational temperature -40°C...+70°C
- IP20
- Tested in accordance with installations standard IEC62305 and IEC61643-1/-22



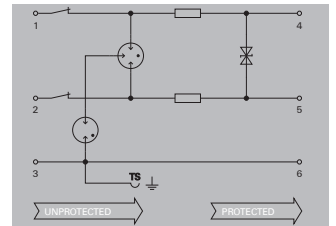
VSSC6 CL



VSSC6 CL



VSSC6 CLFG



VSSC6 CLFG

VSSC - CL

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level (Output side sym wire-wire)	Order Number No Disconnect	Order Number With Disconnect
VSSC6 CL 12VDC	15VDC	-	500mA	30V	1064150000	1064220000
VSSC6 CL 24VUC	42VDC	30VAC	500mA	70V	1064170000	1064230000
VSSC6 CL 48VUC	85VDC	60VAC	500mA	150V	1064190000	1064240000

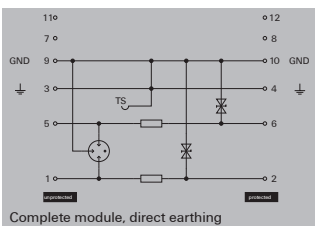
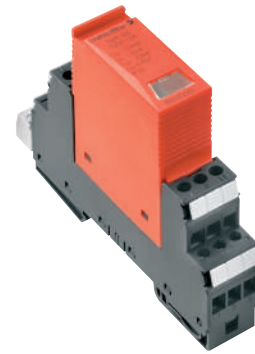
VSSC - CL with Floating Ground

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level (wire-wire/wire-PE/GND-PE/ Output side sym wire-wire)	Order Number No Alarm Contact	Order Number With Alarm Contact
VSSC6 CLFG 12VDC	15VDC	-	500mA	30V	1064260000	1064300000
VSSC6 CLFG 24VUC	42VDC	30VAC	500mA	70V	1064270000	1064310000
VSSC6 CLFG 48VUC	85VDC	60VAC	500mA	150V	1106428000	1064232000

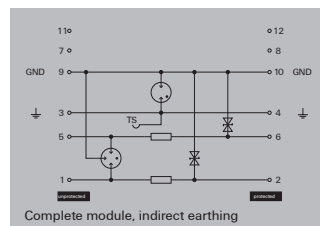
Varitector SPC for Binary Signals

Features Include:

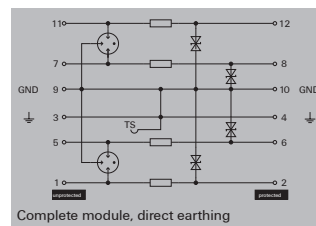
- Designed for protection of binary signals
- I_{max} 10kA (8/10us) wire-wire / wire-PE / GND-PE (2x 10kA wire-PE 2 channel unit)
- Low Resistance per path 2.2Ω
- Version with floating-earth PE connection for avoiding potential differences
- Pluggable arrester (plug-in disconnect interruption-free and impedance neutral)
- Optional alarm function for status indication
- Space saving design 1 and 2 Channel (90 x 17.8x69mm) and (98 x 17.8 x 69mm)
- Large operational temperature -40°C...+70°C
- IP20
- Can be tested with V-TEST testing device
- Tested in accordance with installations standard IEC62305



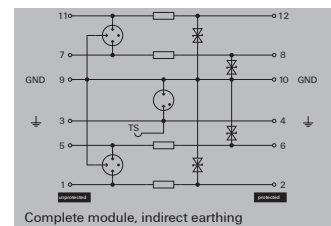
VSPC 2SL - Direct earthing



VSPC 2SL - Indirect earthing



VSPC 4SL - Direct earthing



VSPC 4SL - Indirect earthing

VSPC - 2 SL (2 Channel Unit)

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level (wire-wire/wire-PE/GND-PE)	Order Number No Alarm Contact	Order Number With Alarm Contact
VSPC 2SL 12VDC 0.5A	15VDC	-	450mA	45V / 50V / 50V	8924230000	8951620000
VSPC 2SL 24VDC 0.5A	28VDC	-	450mA	80V / 60V / 60V	8924330000	8951630000
VSPC 2SL 24VAC 0.5A	40VDC	28VAC	450mA	80V / 60V / 60V	8924350000	8951640000
VSPC 2SL 48VAC 0.5A	85VDC	60VAC	350mA	80V / 125V / 125V	8924370000	-

VSPC - 4 SL (4 Channel Unit)

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level (wire-wire/wire-PE/GND-PE)	Order Number No Alarm Contact	Order Number With Alarm Contact
VSPC 4SL 12VDC 0.5A	15VDC	-	300mA	45V / 50V / 50 V	8924220000	8951580000
VSPC 4SL 24VDC 0.5A	28VDC	-	300mA	80V / 60V / 60 V	8924320000	8951590000
VSPC 4SL 24VAC 0.5A	39VDC	28VAC	300mA	80V / 60V / 60V	8924340000	8951600000
VSPC 4SL 48VAC 0.5A	85VDC	60VAC	300mA	80V / 125V / 125V	8924360000	-

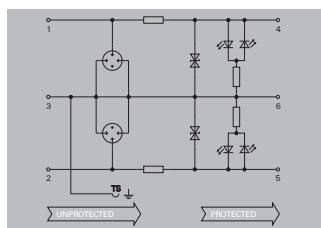
Accessories

Type	Description	Order Number
VPSC BASE 2SL	Base, direct earthing	8924720000
VPSC BASE 2SL FG	Base, indirect earthing via spark gap (FG, floating ground)	8924280000
VPSC BASE 2SL R	Base, direct earthing with alarm contact	8951770000
VPSC BASE 2SL R FG	Base, indirect earthing with alarm contact	8951780000
VPSC BASE 2CL	2 Channel Base, direct earthing	8924700000
VPSC BASE 2CL FG	2 Channel Base, indirect earthing via spark gap (FG, floating ground)	8924260000
VPSC BASE 2CL R	2 Channel Base, direct earthing with alarm contact	8951750000
VPSC BASE 2CL R FG	2 Channel Base, indirect earthing with alarm contact	8951760000

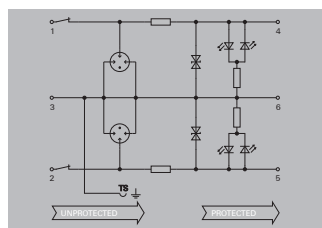
Varitector VSSC for Binary Signals

Features Include:

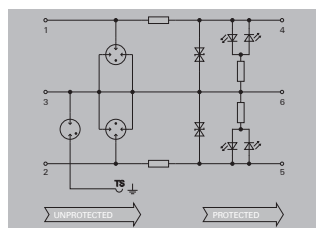
- Designed for protection of binary signals
- I_{max} 10kA (8/10us) wire-wire / wire-PE
- Low Resistance per path 1.8Ω ± 10%
- Version with floating-earth (FG) PE connection for avoiding potential differences
- Slimline Design with a width of 6.2mm
- Optional disconnection feature for isolation or testing
- Large operational temperature -40°C...+70°C
- IP20
- Tested in accordance with installations standard IEC62305 and IEC61643-1/-22



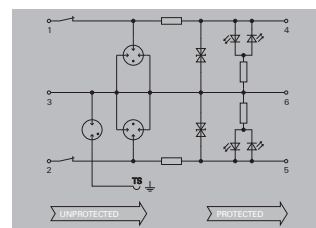
VSSC6 SL



VSSC6 SL



VSSC6 SLFG



VSSC6 SLFG

VSSC - SL

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level Residual Voltage Up Unsym	Order Number No Disconnect	Order Number With Disconnect
VSSC6 SL 12VDC	15VDC	-	500mA	≤ 40V	1064340000	1064380000
VSSC6 SL 24VUC	42VDC	30VAC	500mA	≤ 100V	1064350000	1064390000
VSSC6 SL 48VUC	85VDC	60VAC	500mA	≤ 220V	1064360000	1064400000

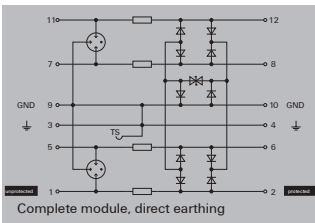
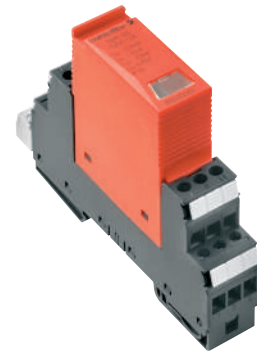
VSSC - SL with Floating Ground

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level Residual Voltage Up Unsym	Order Number No Alarm Contact	Order Number With Alarm Contact
VSSC6 SLFG 12VDC	15VDC	-	500mA	≤ 1600V	1064420000	1064490000
VSSC6 SLFG 24VUC	42VDC	30VAC	500mA	≤ 1650V	1064430000	1064500000
VSSC6 SLFG 48VUC	85VDC	60VAC	500mA	≤ 1550V	1064440000	1064510000

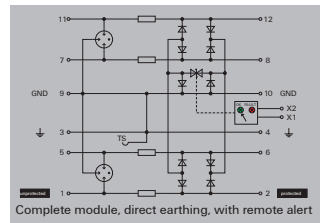
Varitector SPC for Data & Transmission

Features Include:

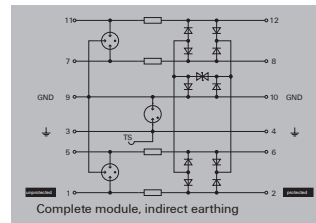
- Designed for serial data transmission
- I_{max} 10kA (8/10us) wire-wire / wire-PE / GND-PE (2x 10kA with Floating ground)
- Low Resistance per path 2.2Ω
- Protects two data lines
- Version with floating-earth PE connection for avoiding potential differences
- Pluggable arrester (plug-in disconnect interruption-free and impedance neutral)
- Optional alarm function for status indication
- Space saving design (90 x 17.8x69mm)
- Large operational temperature -40°C...+70°C
- IP20
- Can be tested with V-TEST testing device
- Tested in accordance with installations standard IEC62305



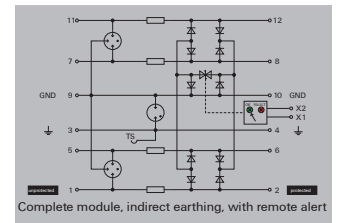
VSPC RS485 - Direct earthing



VSPC RS485 - With remote alert



VSPC RS485 - Indirect earthing



VSPC RS485 - With remote alert

VSPC - RS485

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level Residual Voltage Up Unsym/sym	Order Number No Disconnect	Order Number With Disconnect
VSPC RS485 2CH	5VDC	6.4VDC	450mA	≤ 10V/≤ 10V	8924670000	8951670000

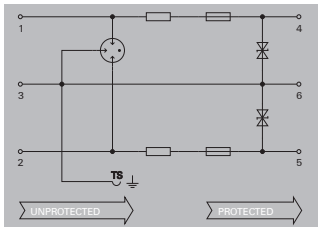
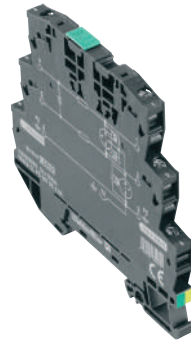
Accessories

Type	Description	Order Number
VPSC BASE RS485	2 Channel Base, direct earthing	8924710000
VPSC BASE RS485 FG	2 Channel Base, indirect earthing via spark gap (FG, floating ground)	8924270000
VPSC BASE RS485 R	2 Channel Base, direct earthing with alarm contact	8951790000
VPSC BASE RS485 R FG	2 Channel Base, indirect earthing with alarm contact	8951800000

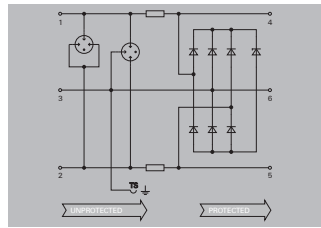
Varitector SSC for Data & Transmission

Features Include:

- Designed for serial data transmission
- I_{max} 10kA (8/10us) wire-wire / wire-PE
- Low Resistance per path 1.8Ω ±10%
- Space saving design (88.5 x 6.2 x81mm)
- Large operational temperature -40°C...+70°C
- IP20
- Complies with installations standard IEC62305 and the IEC 61643-1/22 application standards



VSSC RS485



VSSC RS232

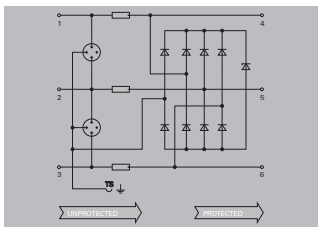
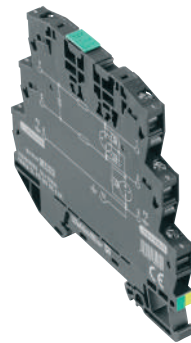
VSSC - RS485/RS232

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level Residual Voltage Up Unsym	Order Number No Disconnect
VSSC6 RS485	12VDC	15VDC	500mA	30V	1064980000
VSSC6 RS232	12VDC	15VDC	500mA	60V	1064990000

Varitector SSC for RTD

Features Include:

- Designed protection of measurement and control signals
- I_{max} 5kA (8/10us) wire-wire / wire-PE
- Low Resistance per path 1.8Ω ±10%
- Space saving design (88.5 x 6.2 x81mm)
- Large operational temperature -40°C...+70°C
- IP20
- Complies with installations standard IEC62305 and the IEC 61643-1/22 application standards



RTD

VSSC - RS485/RS232

Type	Max Cont Volts DC	Max Cont Volts AC	Max Load Current	Protection Level Residual Voltage Up Unsym	Order Number No Disconnect
VSSC6 RTD	1VDC	5VDC	300mA	10V	1064990000

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

The PU I Class 1 lightning arrester

Features Include:

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

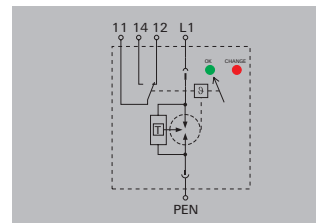
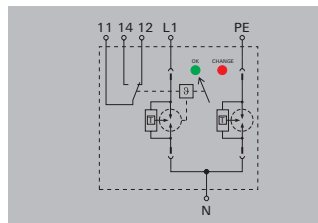
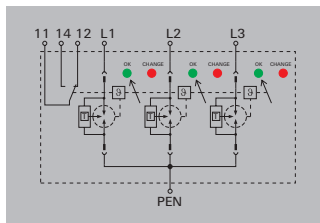
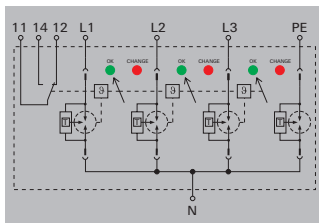


PU I 3+1 TSG+ 350 V 1,5 kV

PU I 3 TSG+ 350 V 1,5 kV

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

PU I 1 TSG+ 350 V 1,5 kV



SURGE - PU I

Type	Rated Volts AC	Max Cont Volts AC	Max FUSE	I imp (L-PE/N-PE)	Protection Level	Order Number
PU I 3+1 TSG350V 1,5kV	240(per path)	350(per path)	315Agl	25ka/100ka	1500V	8960510000
PU I 3 TSG350V 1,5kV	240V/415V	350(per path)	315Agl	25ka/-	1500V	8960490000
PU I 1+1 TSG350V 1,5kV	240(per path)	350(per path)	315Agl	25ka/-	1500V	8960500000
PU I 1 TSG 350V 1,5kV	240(per path)	350(per path)	315Agl	25ka/-	1500V	8960480000

PU I Class 1+2 (IEC 61643-1) Cat C2 (AS/NZS 1768: 2007)

The PU I Series Combi-arrestor with varistor technology for class I

Features Include:

- Class I+II plug-in arrester for lightning protection equipment bonding
- Suitable for Lightning protection zone III and IV (50kA)
- High discharge current of 12.5kA (10/350us) according to IEC60364-5-53
- Low drop voltage of <1.5kV and thus also suitable for class II protection
- Non Blow-out arrester
- No decoupling necessary for follow up class II and III arresters
- 180° rotatable plug in arrester
- Red/green function indicator
- Optional with remote signal contact for failure indication

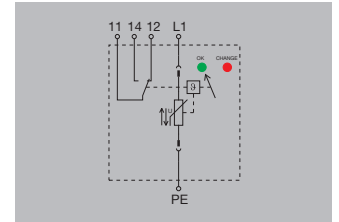
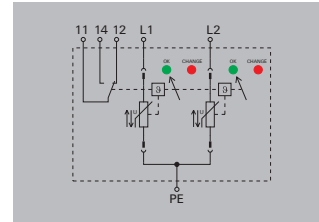
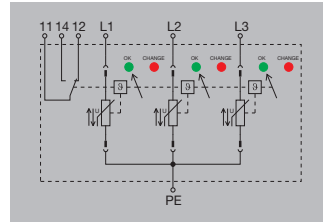
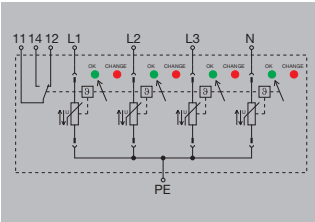


PU I 4/R 280 V / 12.5 kA

PU I 3/R 280 V / 12.5 kA

PU I 2/R 280V / 12,5 kA

PU I 1/R 280V / 12,5 kA



SURGE - PU I

Type	Rated Volts AC	Max Cont Volts AC	Max FUSE	I max (8/20us)	Protection Level	Order Number	Order Number With Alarm
PU I 4 280V/12.5kA	230(per path)	280(per path)	160Agl	50kA	<1300V	8859000000	8859020000
PU I 3 280V/12.5kA	230(per path)	280(per path)	160Agl	50kA	<1300V	8858990000	8859010000
PU I 2 280V/12.5kA	230(per path)	280(per path)	160Agl	50kA	<1300V	8859040000	8859030000
PU I 1 280V/12.5kA	230(per path)	280(per path)	160Agl	50kA	<1300V	8859050000	8859060000

PU II Class 2 (IEC 61643-1) Cat C1, B (AS/NZS 1768: 2007)

The PU II Series Combi-arrestor with varistor technology for class II

Features Include:

- Plug-in arrestor
- Coded bases for voltage and class
- High energy absorption with short response time
- 180° rotatable plug in arrestor
- Installation in DIN distribution boards
- Thermal safety function
- Coordination between class I with Up <900 V

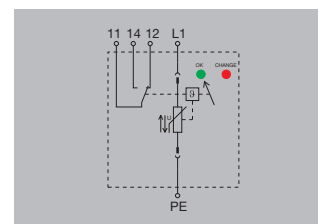
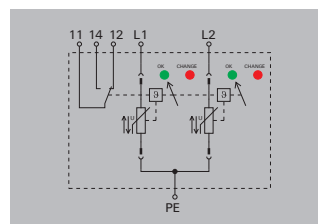
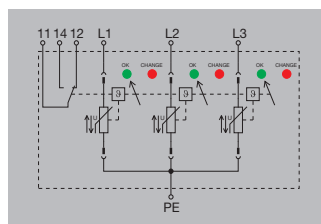
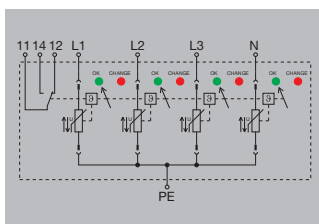


PU II 4/R 280 V / 40 kA

PU II 3/R 280 V / 40 kA

PU II 2/R 280V / 40 kA

PU II 1/R 280V / 40 kA

**SURGE - PU II**

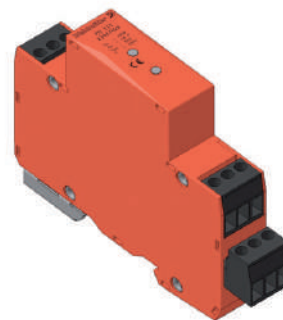
Type	Rated Volts AC	Max Cont Volts AC	Max FUSE	I max (8/20us)	Protection Level	Order Number	Order Number With Alarm
PU II 4 280V/40kA	230(per path)	280(per path)	125AgI	40kA	<850V	8859640000	8859660000
PU II 3 280V/40kA	230(per path)	280(per path)	125AgI	40kA	<850V	8859630000	8859650000
PU II 2 280V/40kA	230(per path)	280(per path)	125AgI	40kA	<850V	8859680000	8859670000
PU II 1 280V/40kA	230(per path)	280(per path)	125AgI	40kA	<850V	8859690000	8859700000

PU III Class 3 (IEC 61643-1) Cat A (AS/NZS 1768: 2007)

The PU III overvoltage protection technology for class III

Features Include:

- Designed for long and final sub-circuits & outlets
- Suitable for protection of terminal equipment
- Installation location to be in vicinity of protected device
- Remote signaling contact for failure Alarm

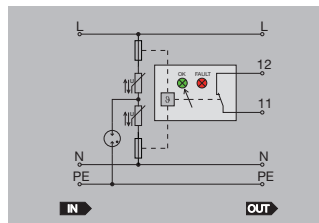
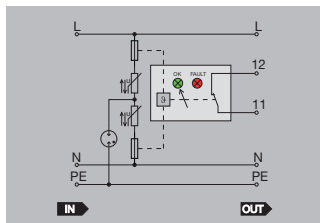
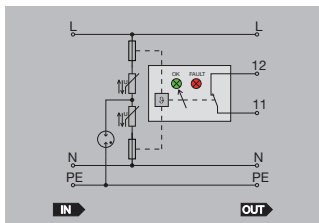
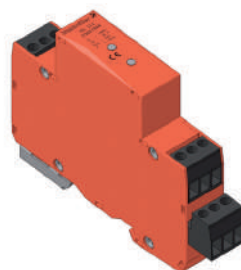
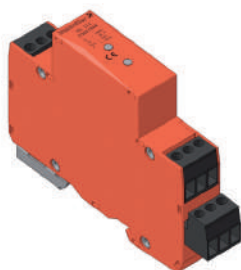
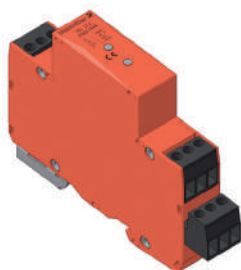


C

PU III R 230 V / 6 kV

PU III R 48 V / 4 kV

PU III R 24 V / 4 kV



SURGE - PU III

Type	Rated Volts AC/DC	Max Cont Volts AC/DC	Max FUSE	I max (8/20us)	Protection Level	Order Number With Alarm
PU III R 230V/6kV	230V/-	280	16A	5kA	<1400V	8860330000
PU III R 24V/6kV	24V/28V	32V/38V	16A	5kA	<550V	8860360000
PU III R 24V/6kV	12V/14V	32V/38V	16A	5kA	<550V	8883740000