

Technical data sheet

MCR protection for 2-pole for power supply with
remote signalling, 12 V AC/DC
Art.-Nr. 5097454



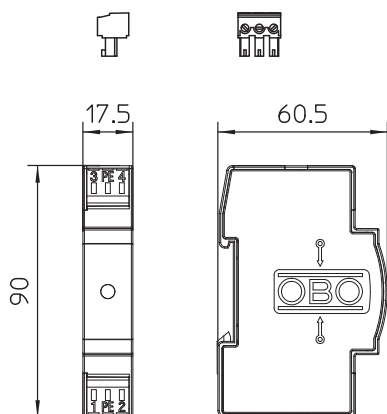
Surge protection / fine power protection, type 3, to EN 61643-11 with remote signalling

- With remote signalling, potential-free changeover contact, for function monitoring
- Suitable for DC and AC systems
- With visual function display
- With easy mounting, screwless connection terminals
- In space-saving 17.5 mm grid
- Y circuit

Application: Universal use on 35 mm DIN profile rails in any standard distributor housing.



Dimensions



Master data

Item no.	5097454
Type	VF12-AC/DC-FS
Description 1	Lightning barrier
Description 2	with remote signalling
Dimension	12V
Smallest sales unit	1,00 Piece
Weight	6,40 kg/100 pc.

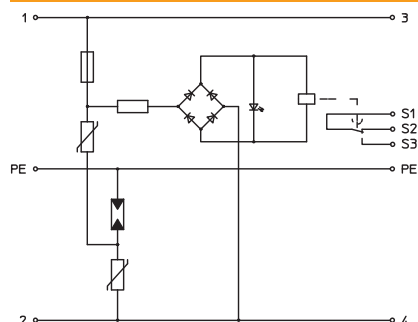
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SPD to EN 61643-11	Type 3
SPD to IEC 61643-11	Class III
Test class, type 3	☒
Nominal voltage	12,00 V
Maximum continuous voltage AC	13,50 V
Max. continuous operating voltage	13,50 V
U max AC	13,50 V
Maximum continuous voltage DC	18,00 V
U max DC	18,00 V
Nominal discharge current (8/20)	0,7 kA
Rated current	20,00 A
Maximum discharge current (8/20 µs)	2,00 kA
Protection level	<0,11 kV
Protection level (L-N)	0,11 kV
Response time	<25 ns
Maximum back-up fuse	20,00 A
Temperature range	-40+80 °C
Pole version	2
Pole number	3,00
Version	2-pole
Mounting type	Hat rail 35 mm
Installation type	DIN rail 35 mm
Protection rating	IP20
Protection rating	IP 20
Blow-out	☐
Division unit TE (17.5 mm)	1
Remote signalling	☒
Telecommunications contact	☒
Connection cross-section, flexible	0,14 - 2,50 mm²
Connection cross-section, rigid	0,14 - 2,50 mm²
Connection cross-section, multi-wire	0,14 - 2,50 mm²
Signalling on device	Visual