

Technical data sheet

MCR protection for 2-pole power supply, 12 V

Item no. 5097453



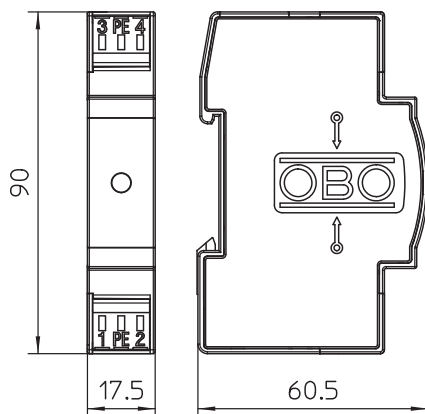
Surge protection device/fine protection type 3 to EN 61643-11

- Suitable for DC and AC voltage systems
- With visual function display
- With installation-friendly, screwless connection terminals
- In a space-saving 17.5 mm grid
- Y circuit

Application: Universal use on 35 mm DIN profile rail in every normal commercially available distributor housing.



Dimensions



Master data

Item no.	5097453
Type	VF12-AC DC
Description 1	Lightning barrier
Description 2	for AC and DC
Dimension	12V AC
Smallest sales unit (VG)	1 Piece
Weight	9,00 kg/100 pc.

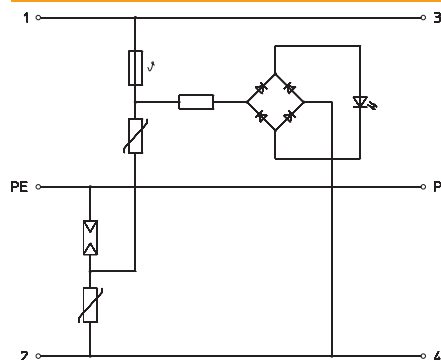
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SPD to EN 61643-11	Type 3
SPD to IEC 61643-11	Class III
Test class, type 3	<input checked="" type="checkbox"/>
Nominal voltage	12,00 V
Maximum continuous voltage AC	13,50 V
Max. continuous operating voltage	13,50 V
U max AC	13,50 V
Maximum continuous 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	< 0,07 kV
Response time	<25 ns
Maximum back-up fuse	20,00 A
Temperature range	-40-+80 °C
Pole version	2
Pole number	3
Version	12 V version
Version	2-pole
Mounting type	Hat rail 35 mm
Installation type	DIN rail 35 mm
Protection rating	IP20
Protection rating	IP 20
Blow-out	<input type="checkbox"/>
Division unit TE (17.5 mm)	1
Remote signalling	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
Max. cable cross-section flexible (fine-wire)	2,50 mm ²
Max. cable cross-section rigid (single wire/multi-wire)	2,50 mm ²
Connection cross-section, flexible	0,14 - 2,50 mm ²
Connection cross-section, rigid	0,14 - 2,50 mm ²
Connection cross-section, multi-wire	0,14 - 2,50 mm ²
Signalling on device	Visual