

Technical data sheet

Cover PDP, 2-pole, 48 V

Item no. 5080408



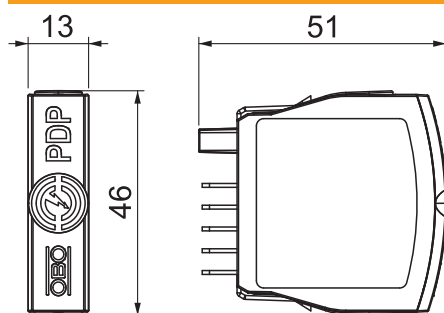
Upper part, plug-in data protection type 1+2/D1+C2 for the use in instrumentation, control and automation equipment

- Protection device for multiwire systems
- Frequency range to 100 MHz
- Small width of 12.5 mm

Application: Universal lightning and surge protection for data transmission devices in MCR technology.



Dimensions



Master data

Item no.	5080408
Type	PDP-P-2-48
Description 1	Pluggable data line protection
Description 2	plug-in arrester 2-pole
Dimension	48V
Smallest sales unit (VG)	1,00 Piece
Weight	1,80 kg/100 pc.

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Technical data

SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Category	Type 1+2 / D1+C2
SPD to IEC 61643-21	Class I+II / D1+C2
Connection cross-section, flexible	0,14 - 1,50 mm ²
Connection cross-section, multi-wire	0,14 - 2,50 mm ²
Connection cross-section, rigid	0,14 - 2,50 mm ²
Insertion loss	≤3 dB
Earthing via:	Connection cable / DIN rail
Total discharge current (8/20)	20 kA
Total discharge current (10/350)	2,5 kA
Frequency range	0,00 - 100,00 MHz
Cut-off frequency	100,00 MHz
Maximum continuous voltage AC	37,00 V
Maximum continuous voltage DC	52,00 V
Impulse discharge current (10/350)	2,50 kA
Nominal discharge current (8/20 µs)	10,00 kA
Capacity (wire-wire)	≤30 pF
Capacity (wire-earth)	≤30 pF
Series resistance	1,2 ± 5% ohm
Lightning protection zone LPZ	0→2
Total impulse durability into C2 (8/20)	20,00 kA
Nominal load current AC	0,43 A
Nominal load current DC	0,60 A
Mounting of input / output	Screw terminals
Installation type	DIN rail 35 mm
Testing standard	IEC 61643-21
Shielding connection available	Yes
Shield connection	Direct
Protection rating	IP20
Protection level wire-wire	170 V
Series resistance per wire	1,2 Ω ± 5%
Signalling on device	None
Connection system	Terminal
Impulse durability wire-wire	10 kV / 5 kA
Impulse durability wire-earth	10 kV / 5 kA
Temperature range	-40→+80 °C