

Technical data sheet

Plug-in arrester PDP, 2x2-pole

Item no. 5080410



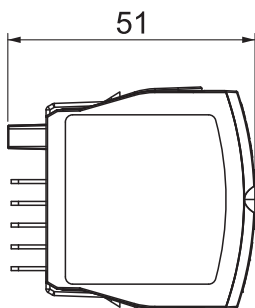
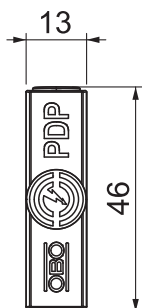
Plug-in arrester, plug-in data protection type 1+2/D1+C2 for the use in instrumentation, control and automation equipment

- 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



Length	51,00 mm
Width	13,00 mm
Height	46,00 mm

Master data

Item no.	5080410
Type	PDP-P-2x2-5
Description 1	Pluggable data line protection
Description 2	plug-in arrester 2x2-pole
Dimension	5V
Smallest sales unit (VG)	1 Piece
Weight	2,40 kg/100 pc.

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

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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	4,20 V
Maximum continuous voltage DC	6,00 V
Impulse discharge current (10/350)	2,50 kA
Nominal discharge current (8/20 μ s)	10,00 kA
Capacity (wire-wire)	≤ 30 pF
Capacity (wire-earth)	≤ 30 pF
Series resistance	$1,2 \pm 5\%$ ohm
Lightning protection zone LPZ	0 \rightarrow 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	100 V
Series resistance per wire	$1,2 \Omega \pm 5\%$
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