

Technical data sheet

Surge arrester V10 280 V

Item number: 5093415



Surge arrester, type 2+3

- Surge protection in sub-distributors to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity to 20 kA (8/20) per pole
- Arrester, connectable with dynamic cut-off unit and visual function display
- High-performance varistor technology
- Base with multiple connection terminals

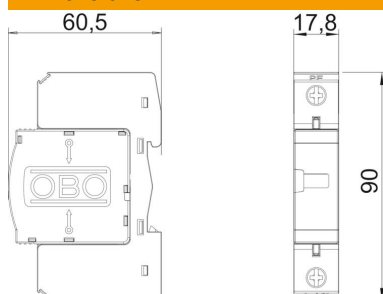
Application: Equipotential bonding in sub-distributors and device protection



Master data

Item number	5093415
Type	V10-C 1-280
Description 1	SurgeController V10
Description 2	single pole version
Manufacturer	OBO
Dimension	280V
Smallest sales unit	1
Unit of quantity	Piece
Weight	10 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,5907 kg CO2e / 1 Piece

Dimensions



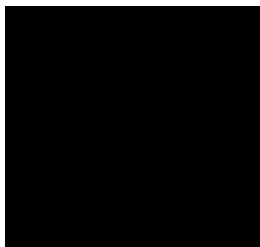
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	Arrester surge current (8/20 µs) [total]	10 kA
	Response time	<25 ns
	Version for	1-pole
	Pole version	1
	Structural width in division units (division unit, 17.5 mm)	1
	Operating temperature, max.	80 °C
	Operating temperature, min.	-40 °C
	Maximum continuous voltage AC	280 V
	Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm ²
	Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm ²
	Lightning protection zone LPZ	1→3
	Max. mains-side overcurrent protection	125
	Maximum back-up fuse	125 A
	Maximum discharge current (8/20 µs)	20 kA
	Installation type	DIN rail 35 mm
	Nominal discharge current (8/20 µs)	10 kA
	Nominal discharge current (8/20 µs) [L-N]	10 kA
	Nominal discharge current (8/20 µs) [N-PE]	30 kA
	Nominal voltage AC (50/60 Hz)	230 V
	Network form	All
	TN network form	yes
	TN-C network form	yes
	TN-C-S network form	yes
	TN-S network form	yes
	TT network form	yes
	Protection rating	IP20
	Protection level	≤1,1 kV
Signalling on device	Visual	
SPD to EN 61643-11	Type 2+3	
SPD to IEC 61643-1	Class II+III	
Permitted temperature range, max.	80 °C	
Permitted temperature range, min.	-40 °C	