Technical data sheet

Plug-in arrester V20 385 V

Item no. 5095368

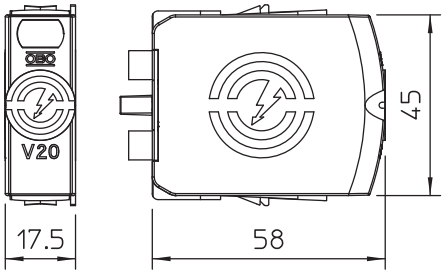


Surge arrester, type 2

- For surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Discharge capacity to 40 kA (8/20) per pole through high-performance varistors
- Modular, plug-in arrester with dynamic cut-off unit and visual status display
- Locking mechanism with vibration protection and voltage keying
- Plastic (UL 94 V-0)

Type 2 LPZ 1→2

Dimensions



Master data

Item no.	5095368
Type	V20-0-385
Description 1	SurgeController V20
Description 2	plug-in arrester
Dimension	385V
Smallest sales unit (VG)	1,00 Piece
Weight	5,36 kg/100 pc.

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Technical data



SPD to EN 61643-11	Type 2
SPD to IEC 61643-11	Class II
SPD to UL 1449	Type 4
Test class, type 2	☑
Nominal voltage AC (50/60 Hz)	230,00 V
Maximum continuous voltage AC	385,00 V
Maximum continuous voltage (L-N)	385,00 V
Nominal discharge current (8/20 µs)	20,00 kA
Nominal discharge current (8/20 µs) [L-N]	20,00 kA
Maximum discharge current (8/20 µs)	40,00 kA
Maximum discharge current (8/20 µs) [L-N]	40,00 kA
Protection level	1,70 kV
Protection level [L-N]	1,70 kV
Residual voltage [L-N] @ 1 kA	1,2 kV
Residual voltage [L-N] @ 5 kA	1,4 kV
Residual voltage [L-N] @ 7 kA	1,5 kV
Response time [L-N]	25 ns
Response time [N-PE]	100 ns
Short-circuit withstand for max. mains-side overcurrent protection	50 kA eff
Short-circuit resistant	☑
Operating temperature range	-40-+80 °C
Humidity	5,00 - 95,00 %
Function/defect display	Optical
Ports	One-Port SPD
Pole version	1
Pole number	1,00
Mounting type	On basic element
Housing material	PA UL 94 V-0
Installation location	Interior
Protection rating	IP20
Minimum distance	1,50 mm
Approvals	UL
Protective conductor current	< 500 µA
Blow-out	□
Size	1 part unit
Remote signalling	□
Integrated back-up fuse	□
Signalling on device	Visual