

Technical data sheet

Surge arrester, 1-pole, leakage current-free 385 V

Item number: 5099475



Surge arrester, type 2

- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Suitable for TN-C network systems
- Plug-in cover; cover can be separated from base without tools
- Incl. thermal and dynamic cut-off unit
- With visual display of defects
- High current conductivity and long service life
- Labelled connections
- Leakage current-free

Application example: Residential buildings, single-family homes and industrial
* Complete = cover and base



Master data

Item number	5099475
Type	V20-VA 1-385
Description 1	SurgeController V20
Description 2	leakage current free, 1-pole
Manufacturer	OBO
Dimension	385V
Smallest sales unit	1
Unit of quantity	Piece
Weight	12.5 kg
Weight unit	kg/100 pc.

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Arrester surge current (8/20 μ s) [total]	20 kA
Response time	<100 ns
Blow-out	no
Version for	1-pole complete; 385 V
Pole version	1
Structural width in division units (division unit, 17.5 mm)	1
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Remote signalling	no
Maximum continuous voltage AC	385
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→2
Max. mains-side overcurrent protection	125
Maximum back-up fuse	125 A
Maximum discharge current (8/20 μ s)	25 kA
Installation type	DIN rail 35 mm
Nominal discharge current (8/20 μ s)	20 kA
Nominal voltage AC (50/60 Hz)	350 V
Network form	Other
Test class, type 2	yes
Protection rating	IP20
Protection level	≤1,8
Signalling on device	Visual
SPD to EN 61643-11	Type 2
SPD to IEC 61643-1	Class II