

# Technical data sheet

## Plug-in arrester V20 1000 V



Item number: 5095378



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)



### Master data

Item number	5095378
Type	V20-0-1000
Description 1	SurgeController V20
Description 2	plug-in arrester
Manufacturer	OBO
Dimension	1000V
Smallest sales unit	1
Unit of quantity	Piece
Weight	6.96 kg
Weight unit	kg/100 pc.

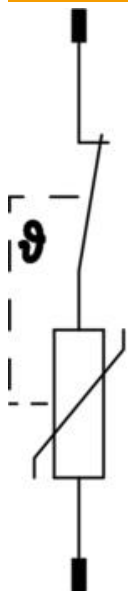
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Response time [L-N]	25 ns
Response time [N-PE]	100 ns
Blow-out	no
Pole version	1
Structural width in division units (division unit, 17.5 mm)	1
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Installation location	Interior
Remote signalling	no
Function/defect display	Visual
Housing material	PA UL 94 V-0
Maximum continuous voltage AC	1000
Integrated back-up fuse	no
Short-circuit resistant	yes
Short-circuit resistance for max. mains-side overcurrent protection	50 kA eff
Humidity, max.	95 %
Humidity, min.	5 %
Maximum discharge current (8/20 µs)	40 kA
Maximum discharge current (8/20 µs) [L-N]	40 kA
Minimum distance	3 mm
Installation type	On basic element
Nominal discharge current (8/20 µs)	20 kA
Nominal discharge current (8/20 µs) [L-N]	20 kA
Nominal voltage AC (50/60 Hz)	750 V
Network form	Other
Pole number	1
Ports	One-Port SPD
Test class, type 2	yes
Protection rating	IP20
Protective conductor current	< 500 µA
Protection level	≤4,2
Protection level [L-N]	≤4,2
Signalling on device	Visual
SPD to EN 61643-11	Type 2
SPD to IEC 61643-1	Class II
SPD to UL 1449	Type 4