

# Technical data sheet

## Upper part, surge arrester V20

Item number: 5095369



Upper part, surge arrester, type 2, for surge voltage protection following the EN61643-11 standard

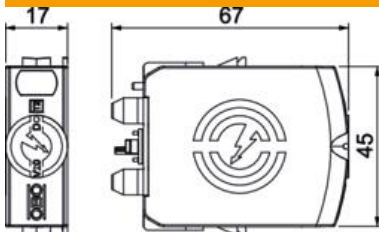
- Discharge capacity to 20 kA (8/20) per pole through high-performance varistors
- Modular connectable arrester with cut-off unit and visual status display
- Locking mechanism with vibration protection and voltage keying
- Plastic to UL 94 V-0



### Master data

Item number	5095369
Description 1	SurgeController V20
Description 2	plug-in arrester 60V DC
Manufacturer	OBO
Dimension	60V DC
Smallest sales unit	1
Unit of quantity	Piece
Weight	3.6 kg
Weight unit	kg/100 pc.

### Dimensions



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Arrester surge current (8/20 $\mu$ s) [total]	40 kA
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
Short-circuit resistant	yes
Short-circuit resistance for max. mains-side overcurrent protection	25 kA
Humidity, max.	95 %
Humidity, min.	5 %
Max. mains-side overcurrent protection	160 A gL/gG
Maximum back-up fuse	160 A
Maximum discharge current (8/20 $\mu$ s)	40 kA
Nominal discharge current (8/20 $\mu$ s)	20 kA
Nominal discharge current (8/20 $\mu$ s) [L-N]	20 kA
Network form	DC
DC network form	no
IT network form	no
Other network form	no
TN network form	no
TN-C network form	no
TN-C-S network form	no
TN-S network form	no
TT network form	no
Pole number	1
Ports	One-Port SPD
Residual voltage [L-N] @ 1 kA	0.3 kV
Protection rating	IP20
Protective conductor current	<_250 $\mu$ A
Protection level	≤0,5
Protection level [L-N]	≤0,5
Signalling on device	Visual
SPD to EN 61643-11	Type 2
SPD to IEC 61643-1	Class II
SPD to UL 1449	Type 4