

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	
Type	V20-DC-60-0	
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.	
CO2 Footprint (GWP) Cradle-to-Gate	0,1124 kg CO2e / 1 Piece	

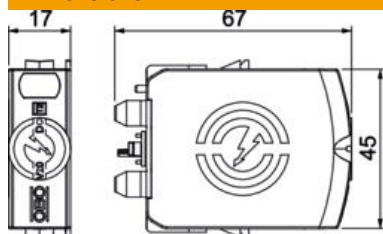
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Dimensions



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Arrester surge current (8/20 µs) [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 µs)	40 kA
Nominal discharge current (8/20 µs)	20 kA
Nominal discharge current (8/20 µs) [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 µA
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

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SPD to UL 1449	Type 4
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C