

Technical data sheet

SurgeController V20, plug-in arrester 280 V

Item number: 5099609



Surge arrester, type 2

- Plug-in arrester, can be separated from base without tools
- Including thermal and dynamic separating device and visual status display
- High current conductivity and long service life



Master data		
Item number	5099609	
Type	V20-C 0-280	
Description 1	SurgeController V20	
Description 2	plug-in arrester	
Manufacturer	OBO	
Dimension	280V	
Smallest sales unit	1	
Unit of quantity	Piece	
Weight	8.5 kg	
Weight unit	kg/100 pc.	
CO2 Footprint (GWP) Cradle-to-Gate	0,1668 kg CO2e / 1 Piece	

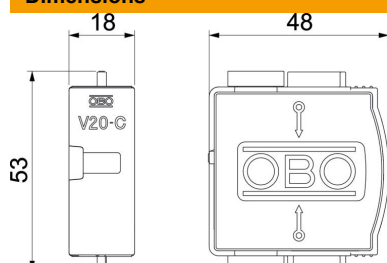
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Dimensions



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	Arrester surge current (8/20 µs) [total]	20 kA
	Response time	<25 ns
	Blow-out	no
	Version for	1-pin cover; 280 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	280 V
	Maximum continuous voltage DC	350 V
	Integrated back-up fuse	no
	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 µs)	40 kA
	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)	230 V
	Network form	TN
	Test class, type 2	yes
	ROHS-conformant	yes
	Protection rating	IP20
	Protection level	≤1,3 kV
	Signalling on device	Visual
	SPD to EN 61643-11	Type 2
	SPD to IEC 61643-11	Class II
	Permitted temperature range, max.	80 °C
	Permitted temperature range, min.	-40 °C