

Technical data sheet

SurgeController V20, plug-in arrester 320 V

Item number: 5099848



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	5099848
	Type	V20-C 0-320
	Description 1	SurgeController V20
	Description 2	plug-in arrester
	Manufacturer	OBO
	Dimension	320V
	Smallest sales unit	1
	Unit of quantity	Piece
	Weight	5.545 kg
	Weight unit	kg/100 pc.
	CO2 Footprint (GWP) Cradle-to-Gate	0,1799 kg CO2e / 1 Piece

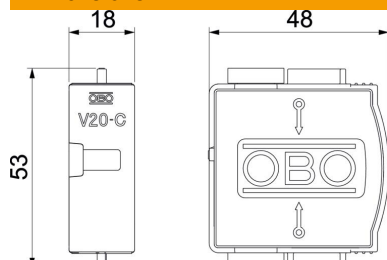
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Dimensions



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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; 320 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	320 V
	Maximum continuous voltage DC	420 V
	Integrated back-up fuse	no
	Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm²
	Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm²
	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
	Protection rating	IP20
	Protection level	≤1,4
	Signalling on device	Visual
	SPD to EN 61643-11	Type 2
	SPD to IEC 61643-1	Class II
	Permitted temperature range, max.	80 °C
	Permitted temperature range, min.	-40 °C