

Technical data sheet

SurgeController V20, plug-in arrester 48 V

Item number: 5099574



- 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	5099574	
Type	V20-C 0-48	
Description 1	SurgeController V20	
Description 2	plug-in arrester	
Manufacturer	OBO	
Dimension	48V	
Smallest sales unit	1	
Unit of quantity	Piece	
Weight	5.3 kg	
Weight unit	kg/100 pc.	
CO2 Footprint (GWP) Cradle-to-Gate	0,1265 kg COe / 1 Piece	

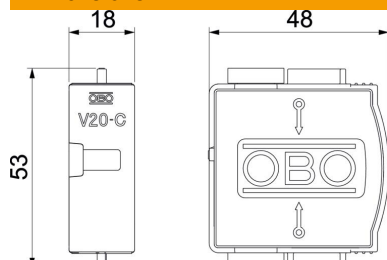
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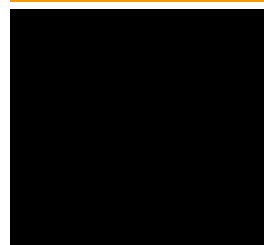
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Dimensions



Technical data



Arrester surge current (8/20 µs) [total]	20 kA
Response time	<25 ns
Pole version	1
Structural width in division units (division unit, 17.5 mm)	1
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 µs)	4 kA
Maximum continuous voltage AC	48 V
Maximum continuous voltage DC	60 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	0→2
Max. mains-side overcurrent protection	125
Maximum back-up fuse	125 A
Maximum discharge current (8/20 µs)	40 kA
Installation type	DIN rail 35 mm
Nominal discharge current (8/20 µs)	15 kA
Nominal discharge current (8/20 µs) [L-N]	20 kA
Nominal voltage AC (50/60 Hz)	48 V
Network form	TN
Test class, type 2	yes
Protection rating	IP20
Protection level	≤0,280
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