Technical data sheet

Surge arrester, 2-pole with remote signalling 280 V







Surge arrester, type 2

- Complete unit consisting of cover and base, pre-mounted and ready for
- Suitable for TN network systems
- Plug-in upper part; upper part can be separated from base without tools
 With remote signalling and potential-free NO contact for function monitoring
- Incl. thermal and dynamic cut-off unit
- · With visual display of defects
- · High current conductivity and long service life
- Labelled connections

Application example: Residential buildings, single-family homes and industrial * Complete = cover and base









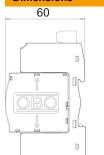


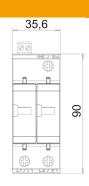


Master data

Item number	5094632	
Type	V20-C 2+FS-280	
Description 1	SurgeController V20	
Description 2	2-pole with remote signalling	
Manufacturer	OBO	
Dimension	280V	
Smallest sales unit	1	
Unit of quantity	Piece	
Weight	22.5 kg	
Weight unit	kg/100 pc.	
CO Footprint (GWP) Cradle-to- Gate	0,685 kg COe / 1 Piece	

Dimensions





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	Arrester surge current (8/20 µs) [total]	40 kA	
	Response time	<25 ns	
	Blow-out	no	
	Version for	2-pole + FS	
	Pole version	2	
	Structural width in division units (division unit, 17.5 mm)	2	
	Operating temperature, max.	80 °C	
	Operating temperature, min.	-40 °C	
	Remote signalling	yes	
	Maximum continuous voltage AC	280 V	
	Integrated back-up fuse	no	
	Conductor cross-section, flexible (fine-wire), min.	25 mm ²	
	Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm²	
	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 μ s)	40 kA	
	Installation type	DIN rail 35 mm	
	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	≤1,3	
	Signalling on device	Visual	
	SPD to EN 61643-11	Type 2	
	SPD to IEC 61643-1	Class II	