

Technical data sheet

Surge arrester, 3-pole + NPE with remote signalling 280 V

Item number: 5094765



Surge arrester, type 2

- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Suitable for TN and TT network systems
- Plug-in cover; cover 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

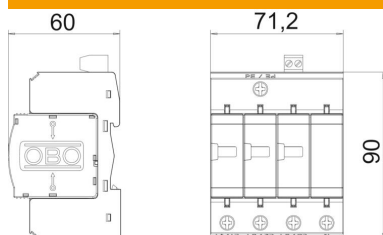
Application example: Residential buildings, single-family homes and industrial
* Complete = cover and base



Master data

Item number	5094765
Type	V20-C 3+NPE+FS
Description 1	SurgeController V20
Description 2	3+1 with remote signalling
Manufacturer	OBO
Dimension	280V
Smallest sales unit	1
Unit of quantity	Piece
Weight	43.3 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	1,938 kg CO2e / 1 Piece

Dimensions



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	Arrester surge current (8/20 µs) [total]	50 kA
	Response time	<25 ns
	Blow-out	no
	Version for	3+NPE + FS
	Pole version	3+N/PE
	Structural width in division units (division unit, 17.5 mm)	4
	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, 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	DIN rail 35 mm
	Nominal discharge current (8/20 µs)	20 kA
	Nominal voltage AC (50/60 Hz)	230 V
	Network form	Other
	Test class, type 2	yes
	Protection rating	IP20
	Protection level	≤1,3 kV
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	