

# Technical data sheet

## Surge arrester with remote signalling V20+NPE

Item number: 5095670



### Surge arrester, type 2

- Complete unit consisting of cover 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
- Incl. thermal and dynamic cut-off unit
- With remote signalling and potential-free changeover contact for function monitoring
- 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	5095670
Type	V20-C 3+NPEFS-A
Description 1	SurgeController V20
Description 2	with remote signalling
Manufacturer	OBO
Dimension	280V
Smallest sales unit	1
Unit of quantity	Piece
Weight	55 kg
Weight unit	kg/100 pc.

# Technical data sheet

## Surge arrester with remote signalling V20+NPE

Item number: 5095670



### Technical data

	Arrester surge current (8/20 µs) [total]	80 kA
	Response time	<25 ns
	Version for	3-pole with NPE; with RS, 280 V
	Pole version	3+N/PE
	Structural width in division units (division unit, 17.5 mm)	5
	Operating temperature, max.	80 °C
	Operating temperature, min.	-40 °C
	Maximum continuous voltage AC	280
	Integrated back-up fuse	no
	Conductor cross-section, flexible (fine-wire), min.	25 mm <sup>2</sup>
	Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm <sup>2</sup>
	Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm <sup>2</sup>
	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 discharge current (8/20 µs) [L-N]	20 kA
	Nominal voltage AC (50/60 Hz)	230 V
	Network form	TN
	TN network form	yes
	TN-C-S network form	yes
	TN-S network form	yes
	TT network form	yes
	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	