

# Technical data sheet

Surge arrester, 3-pole + NPE with remote signalling  
280 V  
Item no. 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

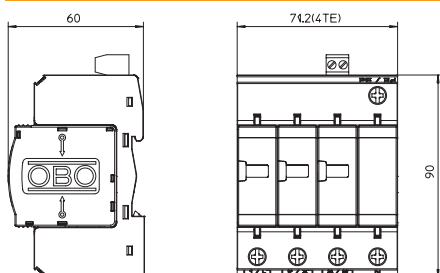
Application example: Residential buildings, single-family homes and industrial



Additional product text 1

\* Complete = cover and base

## Dimensions



## Master data

Item no.	5094765
Type	V20-C 3+NPE+FS
Description 1	SurgeController V20
Description 2	3+1 with remote signalling
Dimension	280V
Smallest sales unit (VG)	1,00 Piece
Weight	43,30 kg/100 pc.

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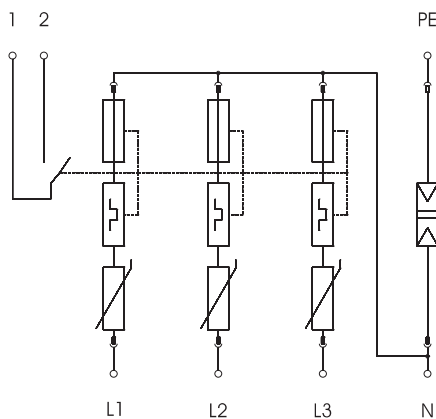
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## Technical data



SPD to EN 61643-11	Type 2
SPD to IEC 61643-11	Class II
Test class, type 2	<input checked="" type="checkbox"/>
Nominal voltage	230,00 V
Maximum continuous voltage AC	280,00 V
Max. continuous operating voltage	280,00 V
Nominal discharge current (8/20)	20 kA
Maximum discharge current (8/20 µs)	40,00 kA
Arrestor surge current (8/20) [total]	50,00 kA
Protection level	< 1,3 kV
Response time	< 25 ns
Maximum back-up fuse	125,00 A
Temperature range	-40+80 °C
Pole version	3+N/PE
Version	3+NPE + FS
Version	3 + NPE
Mounting type	Hat rail 35 mm
Installation type	DIN rail 35 mm
Protection rating	IP20
Protection rating	IP 20
Blow-out	<input type="checkbox"/>
Size	4 part units
Division unit TE (17.5 mm)	4
Remote signalling	<input checked="" type="checkbox"/>
Telecommunications contact	<input checked="" type="checkbox"/>
Integrated back-up fuse	<input type="checkbox"/>
Max. cable cross-section flexible (fine-wire)	25,00 mm <sup>2</sup>
Max. cable cross-section rigid (single wire/multi-wire)	35,00 mm <sup>2</sup>
Connection cross-section, flexible	2,50 - 25,00 mm <sup>2</sup>
Connection cross-section, rigid	2,50 - 35,00 mm <sup>2</sup>
Connection cross-section, multi-wire	2,50 - 35,00 mm <sup>2</sup>
Signalling on device	Visual