

# Technical data sheet

## Surge arrester, 4-pole with fuse monitoring 280 V

Item no. 5096278



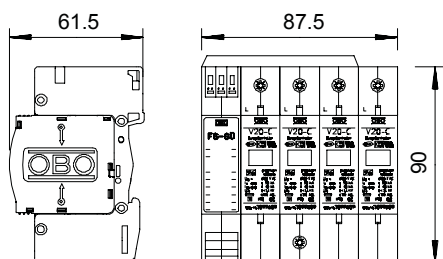
Surge arrester, type 2, ready for connection with remote signalling and voltage monitoring

- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Suitable for TN network systems
- With voltage monitoring of phases and function monitoring of arrester upper parts
- With remote signalling and potential-free changeover contact
- Plug-in upper part; upper part can be separated from base without tools
- Incl. thermal and dynamic cut-off unit
- With visual display of defects
- High current conductivity and long service life

\* Complete = cover and base



### Dimensions



### Master data

Item no.	5096278
Type	V20-C 4+FS-SÜ
Description 1	SurgeController V20
Description 2	with safety monitoring
Dimension	280V
Smallest sales unit (VG)	1 Piece
Weight	56,50 kg/100 pc.

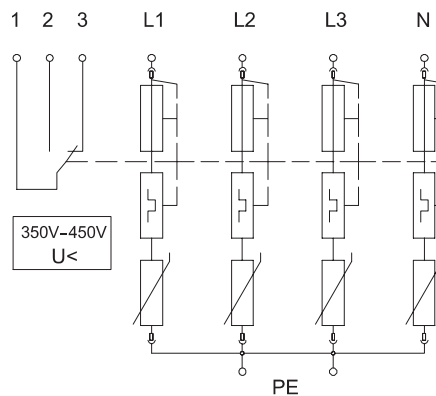
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### Technical data



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
Nominal discharge current (8/20 $\mu$ s) [L-N]	20,00 kA
Maximum discharge current (8/20 $\mu$ s)	40,00 kA
Arrester surge current (8/20) [total]	80,00 kA
Protection level	< 1,3 kV
Response time	< 25 ns
Maximum back-up fuse	125,00 A
Temperature range	-40+80 °C
Pole version	4
Version	4-pole with FS-SÜ; 280 V
Version	4-pole
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	5 part units
Division unit TE (17.5 mm)	5
Remote signalling	<input 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