

# Technical data sheet

## Surge arrester V10 3-pole + NPE 280 V

Item no. 5094920



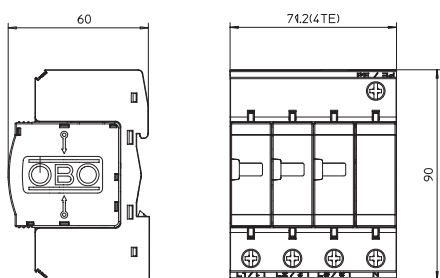
Surge arrester, type 2+3

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



### Dimensions



### Master data

Item no.	5094920
Type	V10-C 3+NPE
Description 1	SurgeController V10
Description 2	3+1 version
Dimension	280V
Smallest sales unit (VG)	1,00 Piece
Weight	37,80 kg/100 pc.

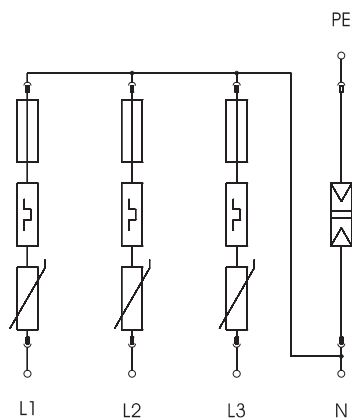
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### Technical data



SPD to EN 61643-11	Type 2+3
SPD to IEC 61643-11	Class II+III
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
Maximum continuous voltage (N-PE)	255,00 V
Nominal discharge current (8/20)	10 kA
Nominal discharge current (8/20 µs) [L-N]	10,00 kA
Nominal discharge current (8/20 µs) [N-PE]	30,00 kA
Maximum discharge current (8/20 µs)	20,00 kA
Maximum discharge current (8/20 µs) [L-N]	20,00 kA
Maximum discharge current (8/20 µs) [N-PE]	50,00 kA
Arrestor surge current (8/20) [total]	40,00 kA
Protection level	< 1,1 kV
Protection level (N-PE)	< 1,2 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
Mounting type	Hat rail 35 mm
Installation type	DIN rail 35 mm
Protection rating	IP20
Protection rating	IP 20
Blow-out	<input type="checkbox"/>
Division unit TE (17.5 mm)	4
Remote signalling	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
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