Technical data sheet
Surge protection, arrestor, type 2

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OBO BETTERMANN

Surge arrestor, 3-pole + NPE

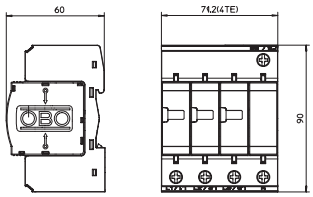
V 20-C/...: Surge protection device Type 2 (Class C) to VDE 0675 part 6-11 (DIN EN 61643-11).

- With new MultiBase base part and Multi-connection clamps
- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- VDE-tested
- Suitable for TN- and TT network systems
- Plug-in upper part; upper part can be separated from base without tools
- Including thermal and dynamic separating device
- With visual display of defects
- High current conductivity and long service life
- Marked connections

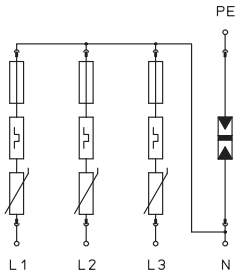
Application example: residential buildings, single-family homes without outer lightning protection system.

Type	Highest continuous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V20-C 3+NPE-385	385	3+NPE	1	42,600	**5094668**

Dimensions



Connection options



V20-C 3+NPE-385

Nominal voltage V	U_N	350
SPD to EN 61643-11		Type 2
SPD to IEC 61643-11		class II
Lightning protection zone LPZ		1→2
Nominal discharge current (8/20) kA	I_n	20
Arrestor surge current (8/20) [total] kA	$I_{Total\ 8/20}$	80
Maximum discharge current (8/20 µs) kA	I_{max}	40
Voltage protection level kV	U_p	< 1,7
Response time ns	t_A	< 25
Maximum back-up fuse A		125
Temperature range °C	ϑ	-40-80
Division unit TE (17.5 mm)		4
Protection rating		IP20
Connection cross-section rigid mm²		2,5-35
Connection cross-section, multi-wire mm²		2,5-35
Connection cross-section, flexible mm²		2,5-25