

Technical data sheet

Surge protection, arrester, type 2



Surge arrester, 1-pole + NPE



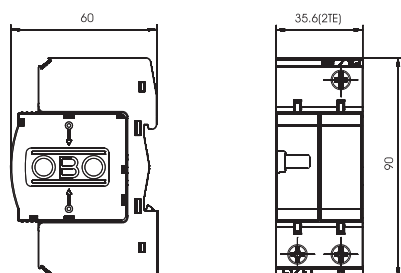
V 20-C/...: Surge protection device Type 2 (Class C) to VDE 0675 part 6-11 (DIN EN 61643-11).



- 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

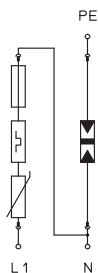
Application example: residential buildings, single-family homes without outer lightning protection system.

Dimensions



Type	Highest continuous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V20-C 1+NPE-280	280	1+NPE	1	22,300	5094650

Connection options



V20-C 1+NPE-280

Nominal voltage V	U _N	230
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
Arrester surge current (8/20) [total] kA	I _{Total 8/20}	40
Maximum discharge current (8/20 μs) kA	I _{max}	40
Voltage protection level kV	U _p	< 1,3
Response time ns	t _A	< 25
Maximum back-up fuse A		125
Temperature range °C	θ	-40-80
Division unit TE (17.5 mm)		2
Protection rating		IP20
Connection cross-section rigid mm ²		2,5-35
Connection cross-section, multi-wire mm ²		2,5-35
Connection cross-section, flexible mm ²		2,5-25