

Technical data sheet

Surge protection, arrester, type 2



Surge arrester, 1-pole



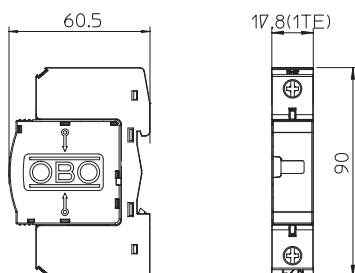
Surge arrester, type 2, 280 V

- VDE-tested
 - For surge voltage protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
 - Arresting capacity to 40 kA (8/20) per pin
 - Arrester, connectable with dynamic cut-off unit and visual function display
 - Encapsulated, non-extinguishing zinc oxide varistor arrester for use in distributor housings
 - Base with multiple connection terminals
- Application: Equipotential bonding (LPZ 1 to 2) and device protection in main and sub-distributors.

Type	Highest continuous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
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V20-C 1-280	280	1-pole	1	12,000	5094618
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Dimensions



Connection options



V20-C 1-280

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	$I_{Total\ 8/20}$	20
Maximum discharge current (8/20 μ s) 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)		1
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