

### Surge arrester, 1-pole

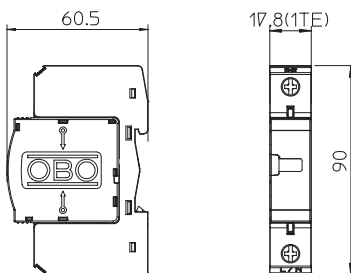


Surge arrester, type 2, 280 V

- 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.
V20-C 1-280	280	1-pole	1	12,000	5094618

#### 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 $\mu$ 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	$\theta$	-40+80
Division unit TE (17.5 mm)		1
Protection rating		IP20
Connection cross-section rigid mm <sup>2</sup>		2,5-35
Connection cross-section, multi-wire mm <sup>2</sup>		2,5-35
Connection cross-section, flexible mm <sup>2</sup>		2,5-25