

PV surge protection V20, 600 V DC with remote signalling



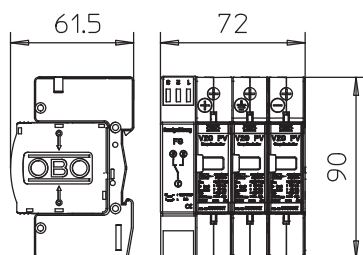
V20 surge arrester, type 2, for PV systems

- Complete unit, consisting of plug-in varistor arrester with cut-off unit
- Error-resistant Y circuit for use according to VDE 0100-712 (EN 50539-12)
- For surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity to 40 kA (8/20) per pole
- Low DC protection level: < 2.6 kV (Voc max = 600 V DC)
- Arrester, connectable with thermodynamic cut-off unit and visual function display
- Encapsulated, zinc oxide varistor arrester for use in distributor housings

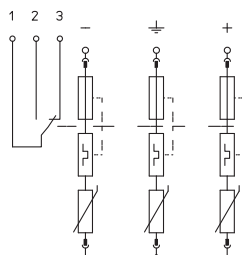
Application: PV systems with or without separate lightning protection system

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V20-C 3PHFS-600	600	3-pole for PV systems; Y circuit with FS	1	41,500	5094576

Dimensions



Connection options



V20-C 3PHFS-600

U max DC V	U. DC	600
SPD to EN 61643-11		Type 2
Lightning protection zone LPZ		1-2
Nominal discharge current (8/20) kA	I _n	20
Maximum discharge current (8/20 μs) kA	I _{max}	40
Voltage protection level kV	U _p	< 2,6
Response time ns	t _a	< 25
Temperature range °C	θ	-40-80
Protection rating		IP 20
Division unit TE (17.5 mm)		4
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