PV surge protection V20, 600 V DC



LPZ 1→2 Type 2

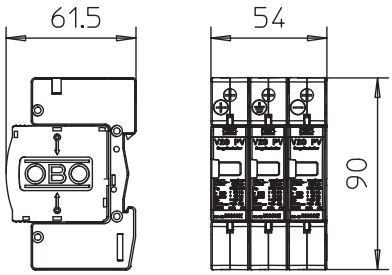
V20 surge arrestor, type 2, for PV systems

- Complete unit, consisting of plug-in varistor arrestor 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)
- Arrestor, connectable with thermodynamic cut-off unit and visual function display
- Encapsulated, zinc oxide varistor arrestor for use in distributor housings

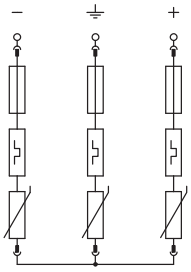
Application: PV systems with or without separate lightning protection system

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V20-C 3PH-600	600	3-pole for PV systems	1	33,500	**5094605**

Dimensions



Connection options



V20-C 3PH-600		
U max DC V	U_c 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)		3
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