

### PV surge protection V20, 1,000 V DC



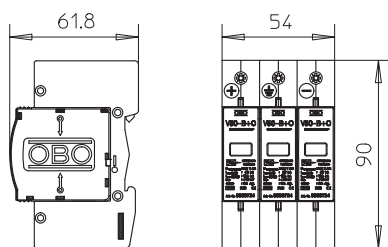
V20 surge arrester, type 2, for photovoltaic systems

- Complete unit, consisting of plug-in varistor arrester with cut-off unit
- Error-resistant Y circuit to VDE 0100-712 (EN 50539-12)
- Surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- V20-C 3-PH-1000 tested to EN 50539-11 (VDE / KEMA)
- Arresting capacity to 40 kA (8/20) per pole
- Low DC protection level: < 4.0 kV and Voc max = 1,000 V DC
- With visual function display for use in distributor housings

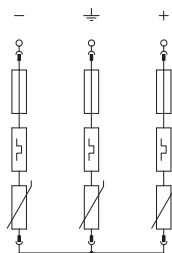
Application: PV systems with or without separate lightning protection system

Type	U max DC	Version	Pack.	Weight	Item No.
	DC		pcs	kg/100 pcs.	
	V				
V20-C 3-PH-1000	1000	3-pole for PV systems	1	36,500	5094608

#### Dimensions



#### Connection options



#### V20-C 3-PH-1000

U max DC V	U <sub>c</sub> DC	1000
SPD to EN 61643-11		Type 2
Lightning protection zone LPZ		1-2
Nominal discharge current (8/20) kA	I <sub>n</sub>	20
Maximum discharge current (8/20 μs) kA	I <sub>max</sub>	40
Voltage protection level kV	U <sub>p</sub>	< 4,0
Response time ns	t <sub>a</sub>	< 25
Temperature range °C	θ	-40-80
Protection rating		IP 20
Division unit TE (17.5 mm)		3
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