

PV combination arrester V50, 600 V DC with remote signalling



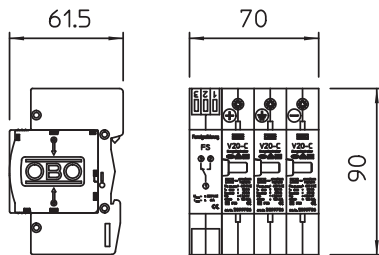
V50 combination arrester, type 1+2, for photovoltaic systems

- 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)
- Arresting capacity up to 12.5 kA (10/350) and 50 kA (8/20) per pole
- Low DC protection level: < 2.6 kV and Voc max = 600 V DC
- With visual function display for use in distributor housings

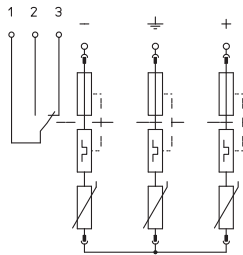
Application: PV systems with lightning protection system

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V50-B+C 3PHFS600	600	3-pole for PV systems with FS	1	49,600	5093625

Dimensions



Connection options



V50-B+C 3PHFS600

U max DC V	U _c DC	600
SPD to EN 61643-11		Type 1+2
Lightning protection zone LPZ		0-2
Impulse discharge current (10/350) kA	I _{imp}	12.5
Nominal discharge current (8/20) kA	I _n	30
Maximum discharge current (8/20 μs) kA	I _{max}	50
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