

PV combination arrestor V50, 600 V DC



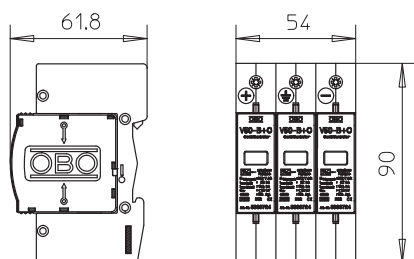
V50 combination arrestor, type 1+2, for photovoltaic systems

- Complete unit, consisting of plug-in varistor arrestor 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 $V_{oc\ max} = 600\ V\ DC$
- With visual function display for use in distributor housings

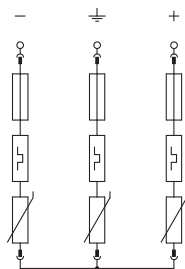
Application: PV systems with lightning protection system

Type	U _{max} DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V50-B+C 3-PH600	600	3-pole for PV systems	1	41,000	5093623

Dimensions



Connection options



V50-B+C 3-PH600

U _{max} DC V	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)	3
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