

## PV combination arrester V50, 600 V DC with remote signalling



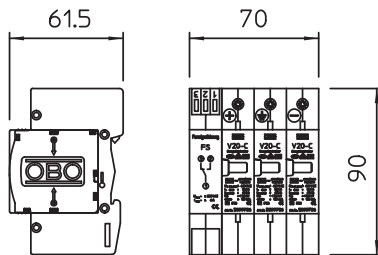
V50 combination arrester, type 1+2, for photovoltaic systems

- 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  $V_{oc\ max} = 600\ V\ DC$
- With visual function display for use in distributor housings

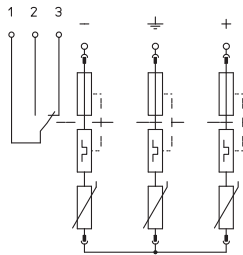
Application: PV systems with lightning protection system

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V50-B+C 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 <sub>c</sub> DC	600
SPD to EN 61643-11		Type 1+2
Lightning protection zone LPZ		0-2
Impulse discharge current (10/350) kA	I <sub>imp</sub>	12.5
Nominal discharge current (8/20) kA	I <sub>n</sub>	30
Maximum discharge current (8/20 μs) kA	I <sub>max</sub>	50
Voltage protection level kV	U <sub>p</sub>	< 2,6
Response time ns	t <sub>a</sub>	< 25
Temperature range °C	θ	-40-80
Protection rating		IP 20
Division unit TE (17.5 mm)		4
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