

PV combination arrestor V25, 900 V DC with remote signalling



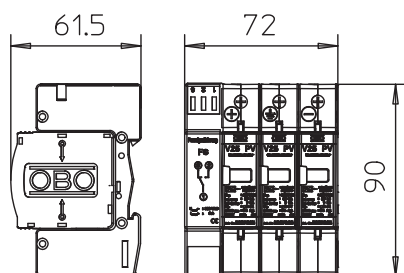
V25 combination arrestor, type 1+2, for photovoltaic systems

- 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 7 kA (10/350) and 50 kA (8/20) per pole
- Low DC protection level: < 3.0 kV and $V_{oc\ max} = 900\ V\ DC$
- With visual function display for use in distributor housings

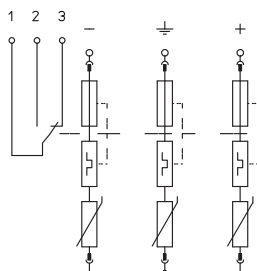
Application: PV systems with lightning protection system

Type	U _{max} Version	Pack.	Weight	Item No.
	DC	pcs	kg/100 pcs.	
	V			
V25-B+C 3PHFS900	900 3-pole for PV systems with FS	1	53,500	5097448

Dimensions



Connection options



V25-B+C 3PHFS900

U _{max} DC V	U _c DC	900
SPD to EN 61643-11	Type	1+2
Lightning protection zone LPZ		0→2
Impulse discharge current (10/350) kA	I _{imp}	7
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	< 3,0
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