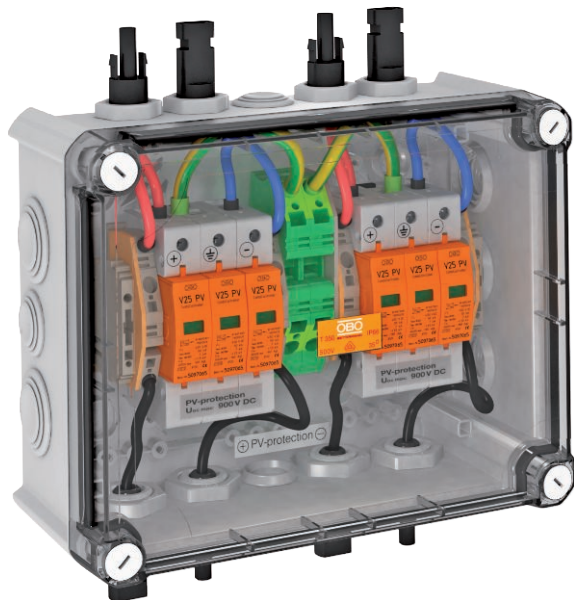


Technical data sheet

PV system solution, type 1+2, with MC4 connector for inverter with 2 MPP trackers, 900 V DC

Item no. 5088565



System solution, type 1+2, with MC4 connector for photovoltaic inverter with 2 separate MPP trackers

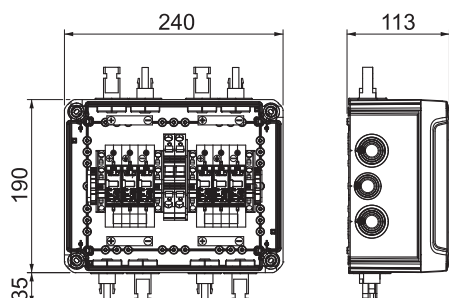
- Varistor arrester, connectable with cut-off unit in error-resistant Y circuit to VDE 0100-712 (50539-12)
- Type 1+2 combination arrester for lightning protection equipotential bonding to EN 62305 (VDE 0185-305)
- Low DC voltage protection level: < 3.0 kV (Voc max = 900V DC with V25-B+C/0-450PV)
- One PV string input (MC4 plug connector) at one MPP inverter input, up to 30A DC per terminal
- Pre-mounted in polycarbonate housing (IP66), UV-resistant for use outside

For DC protection of the inverter of photovoltaic systems.

If there is a danger of condensation forming through wind, ice, temperature or sunlight, further measures may be necessary!



Dimensions



Master data

Item no.	5088565
Type	VG-BC900S11
Description 1	PV system solution in housing
Description 2	2x1 PV string to 2 WR-MPP+MC4
Dimension	900V DC
Colour	Light grey
RAL number	7035
Smallest sales unit (VG)	1 Piece
Weight	199,00 kg/100 pc.

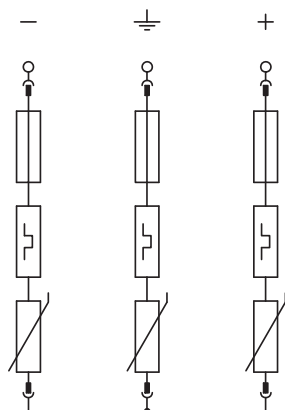
Technical data sheet

PV system solution, type 1+2, with MC4 connector for inverter with 2 MPP trackers, 900 V DC

Item no. 5088565



Technical data



SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Test class, type 1	<input checked="" type="checkbox"/>
Test class, type 2	<input checked="" type="checkbox"/>
Maximum continuous voltage DC	900,00 V
U max DC	900,00 V
Nominal discharge current (8/20)	30 kA
Nominal discharge current (8/20 µs) [L-N]	30,00 kA
Maximum discharge current (8/20 µs)	50,00 kA
Impulse discharge current (10/350)	7,00 kA
Arrester surge current (8/20) [total]	60,00 kA
Protection level	< 3,0 kV
Response time	< 25 ns
Temperature range	-40+80 °C
Pole number	3
Version	For two MPPs and with MC4 connection
Mounting type	Pre-mounted in the housing
Installation type	Pre-mounted in the housing
Protection rating	IP66
Protection rating	IP66
Blow-out	<input type="checkbox"/>
Size	Other
Remote signalling	<input type="checkbox"/>
Max. cable cross-section flexible (fine-wire)	25,00 mm ²
Max. cable cross-section rigid (single wire/multi-wire)	35,00 mm ²
Max. PV voltage	900,00 V
Signalling on device	Visual