Technical data sheet

PV base, 3-pole in Y circuit with remote signalling

Item number: 5096646

Base for photovoltaic systems up to Voc = 1,000 V (Y circuit)

- Suitable for V 50-B+C and V25-B+C covers, type 1+2, combination arrester
- Suitable for V 20-C upper parts, type 2, surge arresters
- Protection circuit against transverse and longitudinal voltages
- Y circuit
- Low DC voltage protection level: < 4.0 kV (Voc max = 1,000 V DC with V20-C/ 0-440)
- Low DC voltage protection level: < 3.0 kV (Voc max = 900 V DC with V25-B+C/ 0-385)
- Low DC voltage protection level: < 2.6 kV (Voc max = 600 V DC with V50-B+C/ 0-280)
- FS with remote signalling and potential-free changeover contact for function monitoring
- Labelled connections

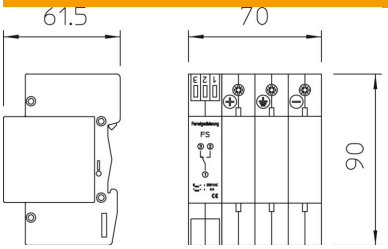
Application: In photovoltaic systems between PH modules and inverters.

Type 1+2 | Type 2 | LPZ 0→1 | LPZ 1→2 | FS

Master data

Item number	5096646
Type	V20-C U-3PH-Y-FS
Description 1	Bottom part V20 and V25
Description 2	for photovoltaic
Manufacturer	OBO
Dimension	Y-PH DC
Smallest sales unit	1
Unit of quantity	Piece
Weight	25 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,9448 kg CO2e / 1 Piece

Dimensions



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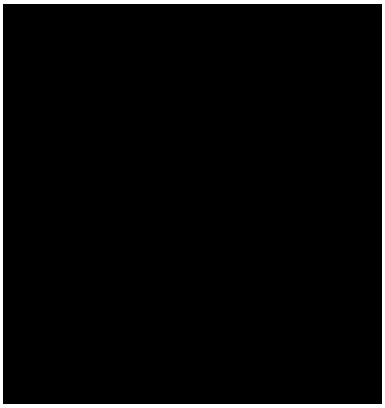

Version for	3-pole Y circuit for photovoltaic systems with FS
Pole version	3
Structural width in division units (division unit, 17.5 mm)	4
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Remote signalling	yes
Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm²
Protection rating	IP20
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C