

Technical data sheet

PV base, 3-pole in Y circuit

Item number: 5096647



Base for photovoltaic systems up to $V_{oc} = 1,000 \text{ V}$ (Y-circuit)

- Suitable for V 25-B+C upper parts, type 1+2, combination arresters
- Suitable for V 20-C upper parts, type 2, surge arresters
- Protection circuit against transverse and longitudinal voltages
- Y-protection circuit
- Low DC voltage protection level: $< 4.0 \text{ kV}$ ($V_{oc} \text{ max} = 1,000 \text{ V DC}$ with V20-C/0-440)
- Low DC voltage protection level: $< 3.0 \text{ kV}$ ($V_{oc} \text{ max} = 900 \text{ V DC}$ with V25-B+C/0-385)
- Low DC voltage protection level: $< 2.6 \text{ kV}$ ($V_{oc} \text{ max} = 600 \text{ V DC}$ with V50-C/0-280)
- Labelled connections

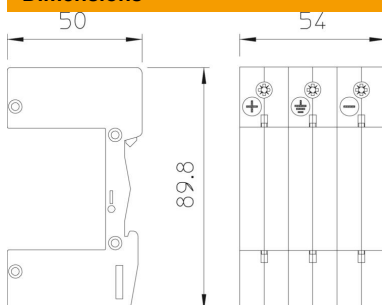
Application: In photovoltaic systems between PH modules and inverters.



Master data

Item number	5096647
Type	V20-C U-3PH-Y
Description 1	Photovoltaic base
Description 2	with Y connection
Manufacturer	OBO
Dimension	Y-PH
Smallest sales unit	1
Unit of quantity	Piece
Weight	17 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,5753 kg CO2e / 1 Piece

Dimensions



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Version for	3-pole Y circuit for PV
Pole version	3
Structural width in division units (division unit, 17.5 mm)	3
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm ²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm ²
ROHS-conformant	yes
Protection rating	IP20
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C