

# Technical data sheet

## Base for photovoltaic systems V20 and V25 U-3PH

Item number: 5096626



V 20-C/U...: Base for photovoltaic systems ( $\Delta$ -circuit)

- Suitable for V 50-B+C and V25-B+C covers, types 1+2, combination arresters
- Suitable for V 20-C covers, type 2, surge arresters
- Protection circuit against transverse and longitudinal voltages
- $\Delta$ -circuit
- Low DC voltage protection level: < 2.4 kV (Voc max = 745V DC with V20-C/0-550)
- Low DC voltage protection level: < 1.5 kV (Voc max = 505V DC with V25-B+C/0-385)
- Low DC voltage protection level: < 1.3 kV (Voc max = 350V DC with V50-C/0-280)
- Labelled connections

Application: In photovoltaic systems between PV modules and inverters.

V 20-C/U-3: Base

- Suitable for V 25-B+C or V 20-C
- Labelled connections
- For Y circuits in PV systems  
(With cover V20-C/0-440; Voc suitable to 1,000 V DC)  
(With cover V25-B+C/0-385; Voc suitable to 800 V DC)  
(Switching of the base: L1 terminal=Plus; L2 terminal=Earth; L3 terminal=Minus; Earthing terminal=Free)

Application: In photovoltaic systems between PH modules and inverter.



### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 5096626                  |
| Type                               | V20-C U-3PH              |
| Description 1                      | Bottom part V20 and V25  |
| Description 2                      | for photovoltaic         |
| Manufacturer                       | OBO                      |
| Dimension                          | 3-PH                     |
| Smallest sales unit                | 1                        |
| Unit of quantity                   | Piece                    |
| Weight                             | 22 kg                    |
| Weight unit                        | kg/100 pc.               |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,8714 kg CO2e / 1 Piece |

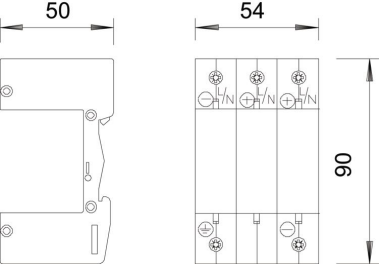
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## Dimensions



## Technical data



|                                                                 |                        |
|-----------------------------------------------------------------|------------------------|
| Version for                                                     | 3-pin for photovoltaic |
| Pole version                                                    | 3                      |
| Structural width in division units<br>(division unit, 17.5 mm)  | 3                      |
| Operating temperature, max.                                     | 80 °C                  |
| Operating temperature, min.                                     | -40 °C                 |
| Remote signalling                                               | no                     |
| Conductor cross-section, rigid<br>(single-wire/multiwire), max. | 35 mm <sup>2</sup>     |
| Conductor cross-section, rigid<br>(single-wire/multiwire), min. | 2.5 mm <sup>2</sup>    |
| Protection rating                                               | IP20                   |
| Signalling on device                                            | None                   |
| Permitted temperature range,<br>max.                            | 80 °C                  |
| Permitted temperature range,<br>min.                            | -40 °C                 |