

INDUSTRIAL COMPONENT DATA

V20-C U-3PH-Y-FS 5096646 OBO BETTERMANN Bottom part V20 and V25 for photovoltaic,

Brand: OBO BETTERMANN | Manufacturer Part Number: V20-C U-3PH-Y-FS



Manufacturer	OBO BETTERMANN
MPN / Reference	V20-C U-3PH-Y-FS
Catalog number	5096646
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-A67BB64788
Generated	2026-08-02

Product Overview

Bottom part V20 and V25 for photovoltaic,
PV base, 3-pole in Y circuit with remote signalling. Base for photovoltaic systems up to $V_{oc} = 1,000 \text{ V}$ (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: $< 4.0 \text{ kV}$ ($V_{oc} \text{ max} = 1,000 \text{ V DC}$ 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-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.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path

OBO BETTERMANN > TBS Transient and lightning protection systems - OBO BETTERMANN > Surge , photovo

Additional Product Information

CO2 Footprint (GWP) Cradle-to-Gate 0,9448 kg CO2e / 1 Piece

Conductor cross-section, rigid (single-wire/multiwire), max. 35 mm²

Conductor cross-section, rigid (single-wire/multiwire), min. 2,5 mm²

Dimension Y-PH DC

Operating temperature, max. 80 °C

Operating temperature, min. -40 °C

Permitted temperature range, max. 80 °C

Permitted temperature range, min. -40 °C

Pole version 3

Protection rating IP20

Remote signalling yes

Version for 3-pole Y circuit for photovoltaic systems with FS

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V20-C U-3PH-Y-FS with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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