

INDUSTRIAL COMPONENT DATA

V20-C 0-500PV 5099708 OBO BETTERMANN SurgeController V20 plug-in arrester f. PV systems, 500V DC,

Brand: OBO BETTERMANN | Manufacturer Part Number: V20-C 0-500PV



Manufacturer	OBO BETTERMANN
MPN / Reference	V20-C 0-500PV
Catalog number	5099708
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-D80E4A7DC3
Generated	2026-08-02

Product Overview

SurgeController V20 plug-in arrester f. PV systems, 500V DC,
PV SurgeController V20, plug-in arrester, type 2. SurgeController upper part - type 2, surge arrester for photovoltaic systems• For surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)• Arresting capacity to 40 kA (8/20) per pole• Low DC voltage protection level: < 2.0 kV per pole (Y circuit: 4.0 kV and Voc max = 1,000 V DC)• Plug-in arrester with thermodynamic cut-off unit and visual function display• Encapsulated, non-extinguishing zinc oxide varistor arrester for use in distributor housings• High current carrying capacity with long lifespan Application example: PV systems with or without separated insulated lightning protection system

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 , photovol

Additional Product Information

CO2 Footprint (GWP) Cradle-to-Gate 0,1602 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
DC network form yes
Dimension 500V DC
Installation type On basic element
Integrated back-up fuse no
IT network form no
Lightning protection zone LPZ 1->2

Max. mains-side overcurrent protection 125
Maximum back-up fuse 125 A
Maximum continuous voltage AC 440 V
Maximum continuous voltage DC 500 V
Maximum discharge current (8/20 us) 40 kA
Network form TN
Nominal discharge current (8/20 µs) 20 kA
Nominal voltage AC (50/60 Hz) 400 V
Operating temperature, max. 80 °C
Operating temperature, min. -40 °C
Other network form no
Permitted temperature range, max. 80 °C
Permitted temperature range, min. -40 °C
Pole version 1
Protection rating IP20
Remote signalling no
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V20-C 0-500PV 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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