

INDUSTRIAL COMPONENT DATA

V50-B+C 3-PH600 5093623 OBO BETTERMANN

CombiController V50 three-pole for photovoltaics, 600V,

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-B+C 3-PH600



Manufacturer	OBO BETTERMANN
MPN / Reference	V50-B+C 3-PH600
Catalog number	5093623
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-A33D383C11
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Product Overview

CombiController V50 three-pole for photovoltaics, 600V,
PV combination arrester V50, 600 V DC. V50 combination arrester, type 1+2, for photovoltaic systems• Complete unit, consisting of plug-in varistor arrester with cut-off unit• Error-resistant Y circuit to VDE 0100-712 (EN 50539-12)• Surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)• Arresting capacity up to 12.5 kA (10/350) and 50 kA (8/20) per pole• Low DC protection level: < 2.6 kV and Voc max = 600 V DC• With visual function display for use in distributor housings Application: PV systems with 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

Arrester surge current (8/20 μ s) [total] 30 kA
Blow-out no
CO2 Footprint (GWP) Cradle-to-Gate 1,0101 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 600V DC
Installation type DIN rail 35 mm
IT network form no
Lightning protection zone LPZ 0->2

Lightning surge current (10/350 us) 12,5 kA
Max. mains-side overcurrent protection 125
Maximum back-up fuse 125 A
Maximum continuous voltage DC 600 V
Maximum discharge current (8/20 us) 50 kA
Network form DC
Nominal discharge current (8/20 μs) 30 kA
Nominal discharge current (8/20 μs) [L-N] 30 kA
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 3
Protection rating IP20
Remote signalling no
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-B+C 3-PH600 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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