

INDUSTRIAL COMPONENT DATA

V50-B+C 3PHFS600 5093625 OBO BETTERMANN

CombiController V50 three-pole for PV systems + FS, 600V DC,

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-B+C 3PHFS600



Manufacturer	OBO BETTERMANN
MPN / Reference	V50-B+C 3PHFS600
Catalog number	5093625
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

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

Blow-out no
CO2 Footprint (GWP) Cradle-to-Gate 1,0117 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
FM contacts Changeover

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 yes
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-B+C 3PHFS600 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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