

INDUSTRIAL COMPONENT DATA

V50-B+C 0-300PV 5093726 OBO BETTERMANN

CombiController V50 plug-in arrester f. PV systems, 300V DC,

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-B+C 0-300PV



Manufacturer	OBO BETTERMANN
MPN / Reference	V50-B+C 0-300PV
Catalog number	5093726
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

CombiController V50 plug-in arrester f. PV systems, 300V DC,
PV CombiController V50, plug-in arrester, type 1+2. CombiController upper part - type 1+2, combination arrester for photovoltaic systems• For 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: < 1.3 kV per pole (Y circuit: 2.6 kV and Voc max = 600 V DC)• Plug-in arrester with thermodynamic cut-off unit and visual function display• Encapsulated, zinc oxide varistor arrester for use in distributor housings• High current carrying capacity with long lifespan Application: PV systems with lightning protection systemPlug-in arrester

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
CO2 Footprint (GWP) Cradle-to-Gate 0,1893 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 300V DC
Lightning protection zone LPZ 0->2
Lightning surge current (10/350 μ s) 12,5 kA
Lightning surge current (10/350) 12,5 kA
Max. mains-side overcurrent protection 125

Maximum back-up fuse 125 A
Maximum continuous voltage AC 280 V
Maximum continuous voltage DC 300 V
Maximum discharge current (8/20 us) 50 kA
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
Permitted temperature range, max. 80 °C
Permitted temperature range, min. -40 °C
Pole version 1
Protection level [L-N] ≤1,3
Protection rating IP20
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-B+C 0-300PV with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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