

INDUSTRIAL COMPONENT DATA

V50-B+C 1+NPE 5093653 OBO BETTERMANN

CombiController V50 1-pole + NPE, 280V,

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-B+C 1+NPE



Manufacturer	OBO BETTERMANN
MPN / Reference	V50-B+C 1+NPE
Catalog number	5093653
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

CombiController V50 1-pole + NPE, 280V,
 Lightning current and surge arrester, 1-pole + NPE. Combination arrester, lightning and surge arrester type 1+2 to DIN EN 61643-11. • For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305) • Lightning current arresting capacity 12.5 kA (10/350) per pole and 50 kA (10/350) in total • Universally suitable for TN and TT systems • With new Multibase base with multi-connection terminals • Complete unit, consisting of upper part and base, pre-mounted and ready for connection • Arrester, connectable with dynamic cut-off unit • With visual function display • Protection level < 1.3 kV • Encapsulated, non-extinguishing zinc oxide varistor arrester for use in distributor housings • Labelled connections
 Application: Equipotential bonding in buildings, even those with external lightning pro

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 , arrester,
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Additional Product Information

Arrester surge current (8/20 µs) [total] 50 kA
 Blow-out no
 CO2 Footprint (GWP) Cradle-to-Gate 1,0431 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 no
 Dimension 280V
 Installation type DIN rail 35 mm

Integrated back-up fuse no
IT network form no
Lightning protection zone LPZ 0->2
Lightning surge current (10/350 us) 12,5 kA
Lightning surge current (10/350) 25 kA
Max. mains-side overcurrent protection 125
Maximum back-up fuse 125 A
Maximum continuous voltage (N-PE) 255 V
Maximum continuous voltage AC 280 V
Maximum discharge current (8/20 us) 50 kA
Network form Other
Nominal discharge current (8/20 µs) 30 kA
Nominal discharge current (8/20 µs) [L-N] 30 kA
Nominal discharge current (8/20 µs) [N-PE] 50 kA
Nominal voltage AC (50/60 Hz) 230 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 number 1
Pole version 1+N/PE
Protection level [L-N] <=1,3
Protection rating IP20
Remote signalling no
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-B+C 1+NPE 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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