INDUSTRIAL COMPONENT DATA

5093511 OBO BETTERMANN ARRESTER 1+2 V50-3-280

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-3-280

Manufacturer	OBO BETTERMANN
MPN / Reference	V50-3-280
Catalog number	5093511
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-3F96AA0001
Generated	2026-08-02

Product Overview

ARRESTER 1+2 V50-3-280
Combination arrester V50, 3-pole 280 V. Lightning current combination arrester, type 1+2• For lightning current equipotential bonding to VDE 0185-305 (IEC 62305)• Lightning current arresting capacity of 12.5 kA (10/350) per pole and up to 50 kA (10/350) in total• Modular, plug-in arrester with cut-off unit and visual status display • Locking mechanism with vibration protection and voltage keying • Plastic to UL 94 V-0• The remote signalling (FS) variants have a potential-free changeover contact for remote signalling Application: Lightning current equipotential bonding for buildings of class III and IV.* Complete = Plug-in arrester and base

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

Additional Product Information

Approvals VDE, KEMA, UL, ÖVE
Arrester surge current (8/20 µs) [total] 120 kA
Blow-out no
CO2 Footprint (GWP) Cradle-to-Gate 1,4005 kg CO2e / 1 Piece
Conductor cross-section, flexible (fine-wire), max. 35 mm²
Conductor cross-section, flexible (fine-wire), max. 2 AWG
Conductor cross-section, flexible (fine-wire), min. 1,5 mm²
Conductor cross-section, flexible (fine-wire), min. 16 AWG
Conductor cross-section, rigid (single-wire/multiwire), max. 2 AWG
Conductor cross-section, rigid (single-wire/multiwire), max. 35 mm²

Conductor cross-section, rigid (single-wire/multiwire), min. 16 AWG
Conductor cross-section, rigid (single-wire/multiwire), min. 1,5 mm²
Connection cross-section, FM terminals, max. 16 AWG
Connection cross-section, FM terminals, max. 1,5 mm²
Connection cross-section, FM terminals, min. 0,5 mm²
Connection cross-section, FM terminals, min. 21 AWG
Dimension 280V
Housing material surge protection components PA UL 94 V-0
Installation type DIN rail 35 mm
Integrated back-up fuse no
Lightning surge current (10/350 us) 12,5 kA
Lightning surge current (10/350) 37,5 kA
Max. mains-side overcurrent protection 160 A gL/gG
Maximum back-up fuse 160 A
Maximum continuous voltage (L-N) 280 V
Maximum continuous voltage AC 280 V
Maximum discharge current (8/20 us) 50 kA
Maximum discharge current (8/20 us) [L-N] 50 kA
Minimum distance 1,5 mm
Network form TN-C
Nominal discharge current (8/20 µs) 30 kA
Nominal discharge current (8/20 µs) [L-N] 30 kA
Nominal voltage AC (50/60 Hz) 230 V
Ope...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-3-280 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