INDUSTRIAL COMPONENT DATA

5093560 OBO BETTERMANN ARRESTER 1+2 V50-1+NPE+FS-320

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-1+NPE+FS-320

Manufacturer	OBO BETTERMANN
MPN / Reference	V50-1+NPE+FS-320
Catalog number	5093560
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

ARRESTER 1+2 V50-1+NPE+FS-320
Combination arrester V50, 1-pole + NPE with FS 320 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] 80 kA
Blow-out no
CO2 Footprint (GWP) Cradle-to-Gate 1,5264 kg CO2e / 1 Piece
Combined voltage protection level [L-PE] 2,5 kV
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. 35 mm²
Conductor cross-section, rigid (single-wire/multiwire), max. 2 AWG
Conductor cross-section, rigid (single-wire/multiwire), min. 1,5 mm²
Conductor cross-section, rigid (single-wire/multiwire), min. 16 AWG
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 320V
FM contacts Changeover
Follow current quenching capacity (eff) [N-PE] 0,1 kA
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) 25 kA
Material Polyamide
Max. mains-side overcurrent protection 160 A gL/gG
Maximum back-up fuse 160 A
Maximum continuous voltage (L-N) 320 V
Maximum continuous voltage (N-PE) 255 V
Maximum continuous voltage AC 320 V
Maximum discharge current (8/20 us) 50 kA
Maximum discharge current (8/20 us) [L...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-1+NPE+FS-320 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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