

INDUSTRIAL COMPONENT DATA

5093509 OBO BETTERMANN ARRESTER 1+2 V50-0-320

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-0-320



Manufacturer	OBO BETTERMANN
MPN / Reference	V50-0-320
Catalog number	5093509
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-74D8167DE7
Generated	2026-07-28

Product Overview

ARRESTER 1+2 V50-0-320

Plug-in arrester V50 320 V. Combination arrester, type 1+2 • For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305) • Lightning current discharge capacity of 12.5 kA (10/350) per pole • Modular, plug-in arrester with dynamic cut-off unit and visual status display • Locking mechanism with vibration protection and voltage keying • Plastic (UL 94 V-0)

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

Blow-out no

CO2 Footprint (GWP) Cradle-to-Gate 0,2308 kg CO2e / 1 Piece

Conductor cross-section, flexible (fine-wire), max. 2 AWG

Conductor cross-section, flexible (fine-wire), max. 35 mm²

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. 16 AWG

Conductor cross-section, rigid (single-wire/multiwire), min. 1,5 mm²

Connection cross-section, FM terminals, max. 1,5 mm²

Connection cross-section, FM terminals, max. 16 AWG
Connection cross-section, FM terminals, min. 0,5 mm²
Connection cross-section, FM terminals, min. 21 AWG
Dimension 320V
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
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 AC 320 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 All
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
Operating temperature, max. 80 °C
Operating temperature, min. -40 °C
Permitted temperature ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-0-320 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.