

## INDUSTRIAL COMPONENT DATA

# 5093462 OBO BETTERMANN ARRESTER 1+2 V50-3+NPE+FS-150

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-3+NPE+FS-150



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | OBO BETTERMANN                             |
| MPN / Reference | V50-3+NPE+FS-150                           |
| Catalog number  | 5093462                                    |
| Category        | Combined arrester for power supply systems |
| Minimum order   | 1 Pcs                                      |
| Document ID     | EO-BA2321294E                              |
| Generated       | 2026-08-01                                 |

## Product Overview

### ARRESTER 1+2 V50-3+NPE+FS-150

Combination arrester V50, 3-pole + NPE with FS 150 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 2,2701 kg CO2e / 1 Piece

Combined voltage protection level [L-PE] 2,1 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. 16 AWG

Conductor cross-section, flexible (fine-wire), min. 1,5 mm²

Conductor cross-section, rigid (single-wire/multiwire), max. 35 mm<sup>2</sup>  
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 mm<sup>2</sup>  
Connection cross-section, FM terminals, max. 1,5 mm<sup>2</sup>  
Connection cross-section, FM terminals, max. 16 AWG  
Connection cross-section, FM terminals, min. 21 AWG  
Connection cross-section, FM terminals, min. 0,5 mm<sup>2</sup>  
Dimension 150V  
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) 50 kA  
Material Polyamide  
Max. mains-side overcurrent protection 160 A gL/gG  
Maximum back-up fuse 160 A  
Maximum continuous voltage (L-N) 150 V  
Maximum continuous voltage (N-PE) 250 V  
Maximum continuous voltage AC 150 V  
Maximum discharge current (8/20 us) 50 kA  
Maximum discharge current (8/20 us) [L...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-3+NPE+FS-150 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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