

INDUSTRIAL COMPONENT DATA

**V50-1+NPE-280 5093522 OBO BETTERMANN ARRESTER 1+2
V50-1+NPE-280**

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-1+NPE-280



Manufacturer	OBO BETTERMANN
MPN / Reference	V50-1+NPE-280
Catalog number	5093522
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-17373A15D4
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Product Overview**ARRESTER 1+2 V50-1+NPE-280**

Combined V50 V50-1+NPE-280.1 pole discharger with NPE 280V,

V50 combination discharger, 1 pole+NPE 280 V. Lightning and surge current arrester type 1+2• For equipotential lightning protection connection according to VDE 0185-305 (IEC 62305)• Lightning current discharge capacity 12.5 kA (10/350) per pole and up to 50 kA (10/350) in total• Modular plug-in arrester with disconnecter device and visual status display•

Vibration-protected hold function and voltage coding• Plastic (UL 94 V-0)• Models with remote signaling have a potential-free inverter contact for remote signalingApplication: Buildings with external lightning protection classes III and IV.*
Complete = Active part and plinth

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

Lightning current combination arrester, type 2

- For the equipotential bonding of lightning current to VDE 0185-305 (IEC 62305)
- Lightning current discharge capacity of 12.5 kA (10/350) per pole and up to 50 kA (10/350) in total
- Modular, plug-in arrester with dynamic cut-off unit and visual status display
- Locking mechanism with vibration protection and voltage keying
- Halogen-free plastic (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.

ETIM for 5093522 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration TN (EF009928)

Yes

System configuration TN-C (EF009929)

No

System configuration TN-C-S (EF009933)

Yes

System configuration TN-S (EF009930)

Yes

System configuration TT (EF009931)

Yes

Number of poles (EF001391)

2

Lightning impulse current (10/350 μ s) (EF000421)

12.5 kA

Max. continuous voltage AC (EF004198)

280 V

Nominal voltage AC (EF004220)

230 V

Voltage protection level (EF003525)

1.3 kV

Voltage protection level L-N (EF004236)

1.3 kV

Follow current extinguishing capability (EF004193)

0.1 kA

Mounting method (EF000003)

DIN rail (top hat rail) 35 mm

Construction size (EF002566)

2 modular spacing

Max. conductor cross section solid (solid, stranded) (EF008827)

35 mm²

Max. conductor cross section flexible (fine-strand) (EF008828)

35 mm²

Signalling at the device (EF004241)

Optic

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-1+NPE-280 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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