

INDUSTRIAL COMPONENT DATA

V20-1+NPE-150 5095231 OBO BETTERMANN DOWNLOADER T. 2 V20-1+NPE-150

Brand: OBO BETTERMANN | Manufacturer Part Number: V20-1+NPE-150



Manufacturer	OBO BETTERMANN
MPN / Reference	V20-1+NPE-150
Catalog number	5095231
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-4A96ECD1D4
Generated	2026-08-01

Product Overview

DOWNLOADER T. 2 V20-1+NPE-150

Surge Arrester V20 V20-1+NPE-150.1 pole with NPE 150V,
V20 surge arrester, 1 pole+NPE 150 V. Type 2 surge arrester• For equipotential surge protection connection according to VDE 0100-443 (IEC 60364-4-44)• Discharge capacity up to 40 kA (8/20) per pole via high-performance varistors• Modular plug-in arrester with disconnecter device and visual status display• Vibration-protected hold function with voltage coding• Plastic according to UL 94 V-0• Models with Remote signaling has a potential-free inverter contactApplication: equipotential connection for distribution boards and substations.

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

Surge arrester, type 2

- For surge voltage protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Discharge capacity to 40 kA (8/20) per pole, through high-performance varistors
- Modular connectable 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 variants (FS) have a potential-free changeover contact for remote signalling

Application: Equipotential bonding in main and sub-distributions.

ETIM for 5095231 Earthing, lightning and surge protection (EC000941)

Feature Name	
Feature Value	
System configuration TN (EF009928)	Yes
System configuration TN-C-S (EF009933)	Yes
System configuration TN-S (EF009930)	Yes
System configuration TT (EF009931)	Yes
Nominal discharge surge current (8/20) (EF004214)	20 kA
Max. discharge surge current (8/20) (EF012274)	40 kA
Nominal voltage AC (EF004220)	120 V
Max. continuous voltage AC (EF004198)	150 V
Voltage protection level (EF003525)	0.8 kV
Voltage protection level L-N (EF004236)	0.8 kV
Integrated backup fuse (EF008797)	No
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 mm ²
Max. conductor cross section flexible (fine-strand) (EF008828)	35 mm ²
Signalling at the device (EF004241)	Optic
Category type 2 (EF004230)	Yes
Degree of protection (IP) (EF005474)	IP20

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V20-1+NPE-150 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.