

INDUSTRIAL COMPONENT DATA

5095381 OBO BETTERMANN DESCRG. T. 2 V20-1+NPE-280 N/BOX

Brand: OBO BETTERMANN | Manufacturer Part Number: VG-V20-1+NPE-280



Manufacturer	OBO BETTERMANN
MPN / Reference	VG-V20-1+NPE-280
Catalog number	5095381
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-53E3D4EDDB
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Product Overview

DESCRG. T. 2 V20-1+NPE-280 N/BOX

System solution, surge arrester V20 in housing, 1-pole + NPE, 280 V. Surge arrester, type 2, according to DIN EN 61643-11• For surge voltage protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)• Complete unit, pre-mounted and ready for connection in polycarbonate housing (IP66)• Arresting capacity to 40 kA (8/20) per pole through high-performance varistorsApplication: Equipotential bonding in main and sub-distributors.If there is a danger of condensation forming through wind, ice, temperature or sunlight, further measures may be necessary!

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
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Additional Product Information

Approvals UL, ÖVE

Arrester surge current (8/20 µs) [total] 60 kA

CO2 Footprint (GWP) Cradle-to-Gate 3,509 kg CO2e / 1 Piece

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 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. 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 280V
Follow current quenching capacity (eff) [N-PE] 0,1 kA
Installation type Pre-mounted in the housing
Integrated back-up fuse no
Max. mains-side overcurrent protection 160 A gL/gG
Maximum back-up fuse 160 A
Maximum continuous voltage (L-N) 280 V
Maximum continuous voltage (N-PE) 255 V
Maximum continuous voltage AC 280 V
Maximum continuous voltage DC 350 V
Maximum discharge current (8/20 us) 40 kA
Maximum discharge current (8/20 us) [L-N] 40 kA
Minimum distance 1,5 mm
Network form Other
Nominal discharge current (8/20 μs) 20 kA
Nominal discharge current (8/20 μs) [L-N] 20 kA
Nominal discharge current (8/20 μs) [N-PE] 40 kA
Nominal voltage...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / VG-V20-1+NPE-280 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

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