

INDUSTRIAL COMPONENT DATA

5095364 OBO BETTERMANN DOWNLOADER T. 2 V20-0-280

Brand: OBO BETTERMANN | Manufacturer Part Number: V20-0-280



Manufacturer	OBO BETTERMANN
MPN / Reference	V20-0-280
Catalog number	5095364
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-8C47013CA1
Generated	2026-08-01

Product Overview

DOWNLOADER T. 2 V20-0-280

Plug-in arrester V20 280 V. Surge arrester, type 2 • For surge 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, 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 0,2131 kg CO2e / 1 Piece
 Dimension 280V
 Housing material surge protection components PA UL 94 V-0
 Installation type On basic element
 Integrated back-up fuse no
 Maximum continuous voltage (L-N) 280 V
 Maximum continuous voltage AC 280 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 μ s) 20 kA

Nominal discharge current (8/20 μ s) [L-N] 20 kA

Nominal voltage AC (50/60 Hz) 230 V

Operating temperature, max. 80 °C

Operating temperature, min. -40 °C

Permitted temperature range, max. 80 °C

Permitted temperature range, min. -40 °C

Pole number 1

Pole version 1

Protection level [L-N] $\leq 1,3$

Protection rating IP20

Remote signalling no

Residual voltage [L-N] @ 1 kA 0,8 kV

Residual voltage [L-N] @ 5 kA 1 kV

Short-circuit resistance for max. mains-side overcurrent protection 50 kA eff

Short-circuit resistant yes

Signalling on device Visual

SPD to EN 61643-11 Type 2

SPD to IEC 61643-1 Class II

SPD to UL 1449 Type 4

Test class, type 2 yes

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V20-0-280 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

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.