

INDUSTRIAL COMPONENT DATA

MDP-2 D-48-T 5098442 OBO BETTERMANN Lightning barrier 1-pole with test function, 48V,

Brand: OBO BETTERMANN | Manufacturer Part Number: MDP-2 D-48-T



Manufacturer	OBO BETTERMANN
MPN / Reference	MDP-2 D-48-T
Catalog number	5098442
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-C32ED6F5AF
Generated	2026-08-01

Product Overview

Lightning barrier 1-pole with test function, 48V,
Series protection device, 2-pole, 48 V version. Lightning barrier with test function; 48 V version • Rated load current 0.58 A•
Protection device for multi-wire systems• Direct shield earthing and screwless connection terminals• Space-saving width of just 8.7 mm • Protection circuit testable with Life Control• High bandwidth to 100 MHz• UL-listed (4DG1) Application:
Universal use on 35 mm DIN profile rail in any standard distribution housing.

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 > Surge , arrester,

Additional Product Information

Approvals UL
Arrester monitoring no
Capacity (wire-wire) < 40 pF
CO2 Footprint (GWP) Cradle-to-Gate 0,3401 kg CO2e / 1 Piece
Connection cross-section, flexible, max. 2,5 mm²
Connection cross-section, flexible, min. 0,14 mm²
Connection cross-section, multi-wire, max. 1,5 mm²
Connection cross-section, multi-wire, min. 0,14 mm²
Connection cross-section, rigid, max. 2,5 mm²
Connection cross-section, rigid, min. 0,14 mm²
Cut-off frequency 100 MHz

Dimension 48V
Earthing via: DIN rail
Explosion-tested version no
Impulse durability wire-earth C2: 5 kV / 2,5 kA (8/20µs)
Impulse durability wire-wire C1: 0,5 kV / 0,25 kA (8/20µs)
Insertion loss <=3 dB
Insulation resistance >100 M?
Kategorie Type 1+2+3 / D1+C2+C1
Lightning protection zone LPZ 0->3
Maximum continuous voltage AC 41 V
Maximum continuous voltage DC 58 V
Nominal load current AC 0,4 A
Nominal load current DC 0,58 A
Nominal voltage 48 V
Number of poles 2
Permitted temperature range, max. 80 °C
Permitted temperature range, min. -40 °C
Plug-in system Terminal
Protection level @ C1

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / MDP-2 D-48-T 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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