

INDUSTRIAL COMPONENT DATA

MDP-4 D-5-T-10 5098413 OBO BETTERMANN Lightning barrier for high nominal currents, 5V,

Brand: OBO BETTERMANN | Manufacturer Part Number: MDP-4 D-5-T-10



Manufacturer	OBO BETTERMANN
MPN / Reference	MDP-4 D-5-T-10
Catalog number	5098413
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
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Product Overview

Lightning barrier for high nominal currents, 5V,
Series protection device, 4-pole, 5 V version. Lightning barrier with test function; 5 V version • Rated load current 10 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 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 , arrestor,

Additional Product Information

Approvals UL

Capacity (wire-wire) < 40 pF

CO2 Footprint (GWP) Cradle-to-Gate 0,2969 kg CO2e / 1 Piece

Connection cross-section, flexible, max. 2,5 mm²Connection cross-section, flexible, min. 0,14 mm²Connection cross-section, multi-wire, max. 1,5 mm²Connection cross-section, multi-wire, min. 0,14 mm²Connection cross-section, rigid, max. 2,5 mm²Connection cross-section, rigid, min. 0,14 mm²

Cut-off frequency 100 MHz

Dimension 5V

Earthing via: DIN rail
Impulse durability wire-wire C1: 0,5 kV / 0,25 kA (8/20µs)
Insertion loss <=3 dB
Insulation resistance >10 M?
Kategorie Type 1+2+3 / D1+C2+C1
Lightning impulse current 2 kA
Lightning protection zone LPZ 0->3
Maximum continuous voltage AC 7 V
Maximum continuous voltage DC 10 V
Nominal load current AC 0,7 A
Nominal load current DC 10 A
Nominal voltage 5 V
Number of poles 4
Permitted temperature range, max. 80 °C
Permitted temperature range, min. -40 °C
Plug-in system Terminal
Protection level wire-earth

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / MDP-4 D-5-T-10 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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