

INDUSTRIAL COMPONENT DATA

MDP-3 D-5-T 5098407 OBO BETTERMANN Lightning barrier 3-pole with test function, 5V,

Brand: OBO BETTERMANN | Manufacturer Part Number: MDP-3 D-5-T



Manufacturer	OBO BETTERMANN
MPN / Reference	MDP-3 D-5-T
Catalog number	5098407
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
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Product Overview

Lightning barrier 3-pole with test function, 5V,
Series protection device, 3-pole, 5 V version. Lightning barrier with test function; 5 V version • Nominal 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 frequency range of 0-100 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 0,3352 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

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 >10 MΩ

Kategorie Type 1+2+3 / D1+C2+C1

Lightning protection zone LPZ 0->3

Maximum continuous voltage AC 7 V

Maximum continuous voltage DC 10 V

Nominal load current AC 0,4 A

Nominal load current DC 0,58 A

Nominal voltage 5 V

Number of poles 3

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-3 D-5-T with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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