

INDUSTRIAL COMPONENT DATA

5098432 OBO BETTERMANN ARRESTER MDP-4 D-24-EX

Brand: OBO BETTERMANN | Manufacturer Part Number: MDP-4 D-24-EX



Manufacturer	OBO BETTERMANN
MPN / Reference	MDP-4 D-24-EX
Catalog number	5098432
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
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Product Overview

ARRESTER MDP-4 D-24-EX

Series protection device, 4-pole, 24 V version. Lightning barrier for intrinsically safe measuring circuits • Protection device for multi-wire systems • Direct shield earthing and screwless connection terminals • Space-saving width of just 8.7 mm • High frequency range of 0-100 MHz • ATEX approval: II 2(1) G Ex ia [ia Ga] IIC T4 (BVS 11 ATEX E 131 X) • UL-listed (4UM2) 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
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Additional Product Information

Approvals UL
Arrestor monitoring no
Capacity (wire-wire) < 40 pF
CO2 Footprint (GWP) Cradle-to-Gate 0,2374 kg CO2e / 1 Piece
Colour Blue
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 24V

Earthing via: DIN rail

EX approval II 2(1)G Ex ia [ia Ga] IIC T4 Gb

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 MΩ

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

Lightning protection zone LPZ 0→3

Maximum continuous voltage AC 20 V

Maximum continuous voltage DC 28 V

Nominal load current AC 0,4 A

Nominal load current DC 0,58 A

Nominal voltage 24 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-24-EX 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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