INDUSTRIAL COMPONENT DATA

FL ISOLATOR 100-M12 2902985 PHOENIX CONTACT Network isolator

Brand: PHOENIX CONTACT | Manufacturer Part Number: FL ISOLATOR 100-M12



Manufacturer	PHOENIX CONTACT
MPN / Reference	FL ISOLATOR 100-M12
Catalog number	2902985
Category	Accessories/spare parts for controls
Minimum order	1 Pcs
Document ID	EO-81DE3076BA
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Product Overview

Network isolator
Passive network isolator e.g. galvanic separation in Ethernet networks. To protect Ethernet devices against potential differences up to 4 kV. Attachable for sending ranges up to 100 MBits/s. Ethernet connection via two connected females. M12 (coded D).

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Safety

Additional Product Information

Key Commercial Data
Orderkey 2902985
Packing unit 1 pc
Catalog page Page 345 (C-6-2017)
GTIN 4046356727815
Weight per Piece (excluding packing) 155.000 g
Custom tariff number 85437090
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Dimensional drawing

Width 66 mm
Height 91 mm
Depth 34 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 75 °C (85°C for 10 min.; thereafter function can no longer be guaranteed - check device)
Ambient temperature (storage/transport) -40 °C ... 75 °C
Permissible humidity (operation) 10 % ... 95 %
Permissible humidity (storage/transport) 5 % ... 95 %
Altitude 5000 m (For restrictions see manufacturer's declaration)
Degree of protection IP54
General
Electrical isolation Port X1//port X2
Test voltage data interface/data interface 4 kV AC (50 Hz, 1 min.)
Insulation voltage input/output 250 Vrms
Electromagnetic compatibility Conformance with EMC Directive 2014/30/EU
Mounting position Wall mounting
Net weight 155 g
Housing material Plastic, FR 2010
V0 (UL 94)
Color black
MTBF 38062 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))
12264 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))
MTTF 18372 Years (SN 29500 standard, temperature 25 °C, operating cycle 21 % (5 days a week, 8 hours a day))
13381 Years (SN 29500 standard, temperature 40 °C, opera...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FL ISOLATOR 100-M12 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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