INDUSTRIAL COMPONENT DATA

FL ISOLATOR 100-RJ/RJ 2313931 PHOENIX CONTACT Network isolator

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	FL ISOLATOR 100-RJ/RJ
Catalog number	2313931
Category	Accessories/spare parts for controls
Minimum order	1 Pcs
Document ID	EO-913E2C0753
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Product Overview

Network isolator
Passive network isolator for galvanic separation in Ethernet networks. For the protection of Ethernet devices against potential differences of up to 4 kV. Applicable for transmission speeds up to 100 MBit/s. Connection possibilities for two RJ45 connectors.

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 2313931
Packing unit 1 pc
Catalog page Page 345 (C-6-2017)
GTIN 4046356575089
Weight per Piece (excluding packing) 118.900 g
Custom tariff number 85437090
Country of origin DE (Germany)
Dimensions
Dimensional drawing
Width 22.5 mm
Height 99 mm

Depth 92 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 75 °C
Ambient temperature (storage/transport) -25 °C ... 85 °C
Permissible humidity (operation) 10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport) 5 % ... 95 % (non-condensing)
Altitude 5000 m (For restrictions see manufacturer's declaration)
Degree of protection IP20
General
Electrical isolation Ethernet // Ethernet
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
Net weight 118.9 g
Housing material PA 6.6-FR
Color green
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))
UL, USA/Canada 508 Listed
Serial interface
Interface 1 Ethernet interface, 10/100Base-T(X) in acc. with IEEE 802.3u
Interface Ethernet
No. of ports 1
Connection method RJ45 socket, shielded
Transmission length <= 100 m (Total length across both ports (dependent on data rate and cable used))
Serial transmission speed 10/100 Mbps
Interface 2 Ethernet interface...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FL ISOLATOR 100-RJ/RJ with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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