

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-D684E5CC95
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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

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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.

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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