

INDUSTRIAL COMPONENT DATA

MACX MCR-EX-SL-SD-23-48-LFD-SP 2924870 PHOENIX CONTACT Signal isolator

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-SL-SD-23-48-LFD-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-SL-SD-23-48-LFD-SP
Catalog number	2924870
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-73AFBD83B3
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Product Overview

Signal isolator

Ex i valve control block for activating Ex i magnetic valves in the Ex zone, logic input, idle voltage 22.6 V, current limitation to 48 mA, line defect transparency and with error signalling output, up to SIL 3 according to IEC 61508; Push-in connection

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 > INTERFACE Components (IF)**

Additional Product Information

Key Commercial Data

Orderkey 2924870

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 159 (C-5-2017)

GTIN 4046356635004

Weight per Piece (excluding packing) 152.500 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

Width 12.5 mm

Height 116 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 60 °C (Any mounting position)

Ambient temperature (storage/transport) -40 °C ... 80 °C

Maximum altitude ≤ 2000 m

Permissible humidity (operation) 10 % ... 95 % (non-condensing)

Noise immunity EN 61000-6-2 When being exposed to interference, there may be minimal deviations.

Degree of protection IP20

Input data

Signal input Signal input

Output data

Output characteristic curve: Output resistor ≥ 269 Ω (Internal resistance Ri)

Response time < 30 ms

Power supply

Nominal supply voltage 24 V DC

Supply voltage range 19.2 V DC ... 30 V DC (24 V DC -20%...+25%)

Power dissipation < 1.8 W

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Stripping length 8 mm

Connection method Push-in connection

General

Status display Green LED (supply voltage)

LED yellow (switching state)

Red LED (line errors)

Flammability rating...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-SL-SD-23-48-LFD-SP 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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