

INDUSTRIAL COMPONENT DATA

MACX MCR-EX-SL-SD-21-60-LP-SP 2924100 PHOENIX CONTACT Solenoid driver

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-SL-SD-21-60-LP-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-SL-SD-21-60-LP-SP
Catalog number	2924100
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-484C2FAAFC
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Product Overview

Solenoid driver

Ex i valve control block. For intrinsically safe activation of magnetic Ex i valves, alarm components or LEDs installed in the Ex zone. Current limitation to 58 mA. For gases up to group IIB, loop-fed, galvanic separation, SIL 3. 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 2924100

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356338523

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

Width 12.5 mm

Height 99 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 60 °C (any mounting position, pay attention to the derating curve in the data sheet)

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

Output data

Minimum output voltage 12.9 V DC (At 58 mA)

Output characteristic curve: Output resistor 133.4 Ω (Internal resistance Ri)

Response time 20 ms

Compatible valves

Note This is an extract of possible combinations of valves and solenoid drivers.

Compatible valve ASCO Coil 302 (12 V)

ASCO Coil 302 (24 V)

Bürkert Coil AC 10 standard

Bürkert Coil AC 10 high resistance

FESTO Coil MFH-...IA-SA-EX GBXE022AIAD03

FESTO Coil (J)MFH-...BIA-SA-EX GBXE022AIAD03

Norgren Herion Coil 2050

Norgren Herion Coil 2051

Norgren Herion Coil 2052

Norgren Herion Coil 2053

Parker Coil VZ95 482160.01 EEx ia IIB T6

Power supply

Power dissipation < 1.325 W

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-SL-SD-21-60-LP-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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