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-57F04BAFA6
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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)
Catalog page Page 163 (C-5-2017)
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 ? (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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