INDUSTRIAL COMPONENT DATA

MACX MCR-EX-SL-SD-21-25-LFD 2905669 PHOENIX CONTACT Solenoid driver

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-SL-SD-21-25-LFD



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-SL-SD-21-25-LFD
Catalog number	2905669
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-1D02C92988
Generated	2026-11-19

Product Overview

Solenoid driver
Ex i valve control block for activating Ex i magnetic valves in the Ex zone, logic input, idle voltage 21.1 V, current limitation to 25.1 mA, line defect transparency and with error signalling output up to SIL 3 according to IEC 61508; Screw 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 2905669
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 160 (C-5-2017)
GTIN 4046356985079
Weight per Piece (excluding packing) 155.600 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 112.5 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 >= 641 ? (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 < 0.8 W
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 14
Stripping length 7 mm
Connection method Screw connection
Tightening torque, min 0.5 Nm
Tightening torque max 0.6 Nm
General
No. of channels 1
Status display Green LED (supply vo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-SL-SD-21-25-LFD 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.