

INDUSTRIAL COMPONENT DATA

MACX MCR-EX-SL-RPSSI-2I-SP 2924236 PHOENIX CONTACT

Repeater power supply

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-SL-RPSSI-2I-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-SL-RPSSI-2I-SP
Catalog number	2924236
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-E93DDEBA71
Generated	2026-08-05

Product Overview

Repeater power supply

Intrinsically Safe Power Transducer Power Signal Conditioner and HART Transparent Input Signal Conditioner. Transfers 0/4 mA powered or active signals... 20 mA galvanically separated from the Ex zone to two loads in the safe zone. 4-way galvanic separation; push-in connection, SIL, PL.

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 2924236

Packing unit 1 pc

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GTIN 4046356463676

Weight per Piece (excluding packing) 165.000 g

Custom tariff number 85437090

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Width 12.5 mm

Height 99 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.

Input data

Signal input Repeater power supply operation

Current input signal 4 mA ... 20 mA

Transmitter supply voltage > 16 V (20 mA)

> 15.1 V (23 mA)

Underload/overload signal range 0 mA ... 24 mA (Extended transmission range for diagnostics)

Polarization and surge protection Yes

Signal input Signal conditioner operation

Current input signal 0 A ... 20 mA

4 mA ... 20 mA

Voltage drop approx. 3.9 V (in input isolating amplifier operation)

Underload/overload signal range 0 mA ... 24 mA (Extended transmission range for diagnostics)

Output data

Signal output Repeater power supply operation

Current output signal 4 mA ... 20 mA (Output 1 and output 2 active)

Load/output load current output < 450 ? (20 mA)

< 380 ? (23 mA)

Output ripple < 20 mVrms

Output behavior in the event of an error 0 mA (Cable break in the input)

≥ 23 mA (Cable short-circuit in the input...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-SL-RPSSI-2I-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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