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-E8E36DE319
Generated	2026-11-19

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
Catalog page Page 141 (C-5-2017)
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.

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.