

INDUSTRIAL COMPONENT DATA

MACX MCR-SL-2I-2I-HV-ILP-SP 2907707 PHOENIX CONTACT

Loop-powered isolators

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-SL-2I-2I-HV-ILP-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-2I-2I-HV-ILP-SP
Catalog number	2907707
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-133BF6595C
Generated	2026-08-03

Product Overview

Loop-powered isolators

Two-channel input loop-fed 2-way splitter with high isolation voltage and plug-in connection technology for galvanic separation of analog signals. Input signal = output signal: 0(4) mA ... 20 mA. Push-in connection technology.

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 2907707

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 125 (C-5-2017)

GTIN 4055626219271

Weight per Piece (excluding packing) 128.400 g

Custom tariff number 85437090

Country of origin DE (Germany)

Dimensions

Width 12.5 mm

Height 99 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Maximum altitude < 2000 m

Permissible humidity (operation) 5 % ... 95 % (non-condensing)

Noise immunity EN 61326-1

Input data

Signal input Current input

Configurable/programmable no

Max. voltage input signal < 30.5 V

Current input signal 0 mA ... 20 mA

4 mA ... 20 mA

Input voltage limitation 30.5 V

Voltage dissipation 2.9 V (I = 20 mA)

Step response (10-90%) 5 ms (500 ? load)

Output data

Signal output Current output

Configurable/programmable no

Max. voltage output signal 27.5 V

Current output signal 0 mA ... 20 mA

4 mA ... 20 mA

Transmission Behavior 1:1 to input signal

Load/output load current output <= 1375 ? (I = 20 mA)

Residual ripple < 10 mVrms(500 ? load)

Power supply

Supply voltage range no separate supply voltage necessary

Connection dataConductor cross section solid min. 0.2 mm²Conductor cross section solid max. 1.5 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 1.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Stripping length 8 mm

Connection method Push-in connection

Gener...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-SL-2I-2I-HV-ILP-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

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.