INDUSTRIAL COMPONENT DATA

MACX MCR-SL-I-I-HV-ILP 2907704 PHOENIX CONTACT Loop-powered isolators

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-I-I-HV-ILP
Catalog number	2907704
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-C8C419A47F
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Product Overview

Loop-powered isolators
1-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. Screw 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 2907704
Packing unit 1 pc
Catalog page Page 125 (C-5-2017)
GTIN 4055626219240
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 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 to...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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