INDUSTRIAL COMPONENT DATA

MACX MCR-EX-AP-RPSS-I-IR 1290774 PHOENIX CONTACT Ex i-Input and power signal conditioner with 2 limit value ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-AP-RPSS-I-IR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-AP-RPSS-I-IR
Catalog number	1290774
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-E4AEF10F5D
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Product Overview

Ex i-Input and power signal conditioner with 2 limit value relays, powers 2, 3 and 4 conductor measurement transducers, transmits 1:1 active or passive input signals of 0 mA/4 mA... 20 mA and has 2 configurable limit value outputs. With HART transparency, Standard configuration, 4-way separation, Safety Integrity Level (SIL, IEC 61508): 2, Screw connection
Ex i, Input and Power Signal Conditioner with 2 Limit Value Relays, Feeds 2 or 3 Conductor Measurement Transducers, Transmits 1:1 0 mA / 4 mA Input Signals... 20 mA active or passive and has 2 configurable limit value outputs. With HART Transparency, 4-Way Separation, Safety Integrity Level (SIL, IEC61508): 2, Screw Connection
Ex i-Feed and input signal conditioner with 2 limit value relays, feeds 2-, 3-, and 4-conductor measuring transducer, transmits 1:1 passive or active 0 mA/4 mA ... 20 mA input signals and has 2 configurable limit value outputs. HART-transparent, Standard configuration, 4-way isolation, Safety Integrity Level (SIL, IEC 61508): 2, 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

Technical dataNotesGeneral Installation conditions influence the ambient temperature.
Please refer to the “Control cabinet installation instructions”.
General Output behavior = input signal
Product propertiesProduct type Repeater power supplies
Product family MACX Analog
No. of channels 1
Electrical propertiesNo. of channels 1

Electrical isolation 4-way isolation
Linearity error <= 0.1 %
Typical offset error <= 0.1 %
Signal transmission behavior In = Out
Temperature coefficient, typical <= 0.1 % (10 K)
Reverse polarity protection yes
Electrical isolation Input/output IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/power supply IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/error message output IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/limit value contact IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Output/supply
Test voltage 350 V (50 Hz, 60 s)
Electrical isolation Output/limit value contact
Test voltage 350 V (50 Hz, 60 s)
Electrical isolation Output/supply/error message output
Test voltage 350 V (50 Hz, 60 s)
Supply
Nominal supply voltage 24 V DC
Supply voltage range 18 V ... 31.2 V
Power dissipation 1.5 W (RL250 ?)
Power consumption 2 W (20 mA)
Input dataSignal: Repeater power supply operation
Description of the...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-AP-RPSS-I-IR with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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