

INDUSTRIAL COMPONENT DATA

MACX MCR-SL-UI-REL-SP 2906170 PHOENIX CONTACT Limit value switch with input for active current and voltage s..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-SL-UI-REL-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-UI-REL-SP
Catalog number	2906170
Category	Isolation amplifier
Minimum order	1 Pcs
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Product Overview

Limit value switch with input for active current and voltage signals and a limit-value relay output (changeover contact). Can be set via DIP switch and potentiometer, galvanic 3-way electrical isolation, up to SIL2 (SC3), PLc Cat.1, Push-in connection.

Limit value switch with input for active voltage and current signals and a limit value relay output (switched contact). Adjustable with DIP switch and potentiometer, 3-way galvanic separation, up to SIL2 (SC3), PLc cat.1, push-in 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

Key Commercial Data

Orderkey 2906170

Packing unit 1

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GTIN 4055626043906

Custom tariff number 85437090

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Width 12.5 mm

Height 99 mm

Depth 114.5 mm

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Ambient temperature (operation) -20 °C ... 65 °C (Any mounting position)

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

Maximum altitude ≤ 2000 m

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

Noise immunity EN 61000-6-2 When being exposed to interference, there may be minimal deviations.

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Voltage input signal 0.1 V ... 10 V

Current input signal 0.2 mA ... 20 mA

0.18 mA ... 21 mA (Maximum range)

Input resistance of voltage input > 100 kΩ

Input resistance current input < 28 Ω

Switching hysteresis off: approx. 0.5 %, on: approx. 1 %

Line fault detection Break U

Short circuit U > 10.8 V, I > 21.1 mA

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Output name Relay output

Contact type 1 PDT

Contact material AgSnO₂, hard gold-plated

Max. switching current ≤ 4 A AC (cos φ = 1)

≤ 1 A DC (ohmic load, 24 V DC, 50 mW)

≤ 0.2 A DC (ohmic load, 120 V DC)

Mechanical service life ≤ 10⁷ cycles

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Nominal supply voltage 24 V DC

Supply voltage range 9.6 V DC ... 30 V DC (12 V DC ... 24 V DC (-20 % ... +25 %))

Typical current consumption 3...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-SL-UI-REL-SP with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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