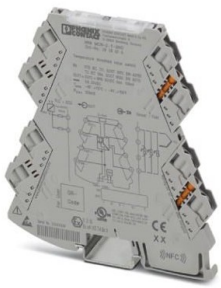
INDUSTRIAL COMPONENT DATA

MINI MCR-2-T-2RO 2906876 PHOENIX CONTACT Limit value switches

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-T-2RO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-T-2RO
Catalog number	2906876
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-28A62034FA
Generated	2026-11-18

Product Overview

Limit value switches
Universal configuration temperature limit value switch with two transistor outputs for the connection of 2, 3 and 4 conductor thermocouples and thermocouples. Configurable via DIP switch or software, 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 2906876
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 93 (C-5-2017)
GTIN 4055626131573
Weight per Piece (excluding packing) 127.500 g
Custom tariff number 85437090
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Width 6.2 mm

Height 110.5 mm
Depth 120.5 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Input data
Number of inputs 1
Available input sources Resistance thermometers
Sensor types (RTD) that can be used Pt, Ni, Cu sensors
Connection technology 2, 3, 4-wire
Sensor input current approx. 200 µA
Max. permissible overall conductor resistance <= 25 ? (Per line, RTD in 3- or 4-wire technology)
<= 50 ? (Per line, RTD in 2-wire technology)
Linear resistance measuring range 0 ? ... 4000 ?
Linear mV signal range -500 mV ... 500 mV
Available input sources Thermocouples
Sensor types that can be used (TC) B, E, J, K, N, R, S, T, L, U, A-1, A-2, A-3, M, L
Switching output
Output name Switching output
Number of outputs 2
Contact type 2 N/O contacts
Maximum switching voltage 30 V DC
Max. switching current 100 mA (30 V (<= 50 °C))
70 mA (30 V (51 °C ... 70 °C))
Power supply
Nominal supply voltage 24 V DC
Supply voltage range 9.6 V DC ... 30 V DC (The DIN rail bus connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, Order No. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail according to EN 60715))
Ty...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-T-2RO 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.