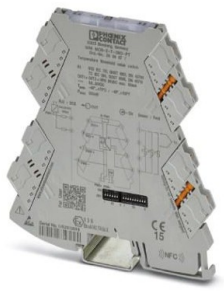
INDUSTRIAL COMPONENT DATA

MINI MCR-2-T-2RO-PT 2906877 PHOENIX CONTACT Limit value switches

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-T-2RO-PT
Catalog number	2906877
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-E4B1ED81F8
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, 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 2906877
Packing unit 1 pc
Catalog page Page 93 (C-5-2017)
GTIN 4055626131566
Weight per Piece (excluding packing) 120.500 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))
Typical current consumption 20 mA (12....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-T-2RO-PT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.