

INDUSTRIAL COMPONENT DATA

MTKD-NICR/CUNI 3100075 PHOENIX CONTACT

Thermoelectric voltage terminal block pair

Brand: PHOENIX CONTACT | Manufacturer Part Number: MTKD-NICR/CUNI



Manufacturer	PHOENIX CONTACT
MPN / Reference	MTKD-NICR/CUNI
Catalog number	3100075
Category	Thermal couple terminal block
Minimum order	50 Pcs
Document ID	EO-C50DE41A52
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Product Overview

Thermoelectric voltage terminal block pair

Terminal blocks for thermocouples, TC type E, rated voltage: 400 V, rated current: 1 A, number of connections: 4, number of poles: 2, connection type: Screw connection, 1st floor, cross-section: 0.2 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, NS 32, color: gray

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 > Modular TBs
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Additional Product Information

Key Commercial Data

Orderkey 3100075

Packing unit 50 pc

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GTIN 4017918092481

Weight per Piece (excluding packing) 16.400 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Number of positions 2

Number of levels 1

Number of connections 4

Potentials 1

Nominal cross section 2.5 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Maximum power dissipation for nominal condition 0.77 W

Maximum load current 1 A (with 4 mm² conductor cross section)

Nominal current I_N 1 A

Nominal voltage U_N 400 V (Voltage to the neighboring feed-through terminal block MTK.)

Open side panel Yes

Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11

Back of the hand protection guaranteed

Finger protection guaranteed

Result of surge voltage test Test passed

Result of power-frequency withstand voltage test Test passed

Power frequency withstand voltage setpoint 1.89 kV

Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed

Result of bending test Test passed

Bending test rotation speed 10 rpm

Bending test turns 135

Bending test conductor cross section/weight 0.2 mm² / 0.2 kg

2.5 mm² / 0.7 kg

4 mm² / 0.9 kg

Tensile test result Test passed

Conductor cross section tensile test 0.2 mm²

Tractive force setpoint 10 N

Conductor cross section tensile test 2.5 mm²

Tractive force setpoint 50 N

Conductor cross section tensile test 4 mm²

Tractive force setpoint 60 N

Result of tig...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MTKD-NICR/CUNI 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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