

INDUSTRIAL COMPONENT DATA

MTKD-S-CU/E-CU EX 3100102 PHOENIX CONTACT

Thermoelectric voltage terminal block pair

Brand: PHOENIX CONTACT | Manufacturer Part Number: MTKD-S-CU/E-CU EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	MTKD-S-CU/E-CU EX
Catalog number	3100102
Category	Thermal couple terminal block
Minimum order	50 Pcs
Document ID	EO-85C61170E7
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Product Overview

Thermoelectric voltage terminal block pair

Terminal blocks for thermocouples, TC type B, nominal voltage: 400 V, nominal current: 1 A, connection type: Screw connection, 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 3100102

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356678117

Weight per Piece (excluding packing) 15.470 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 UN 400 V (Voltage to the neighboring feed-through terminal block MTK.)

Open side panel Yes

Relative insulation material temperature index (Elec., UL 746 B) 130 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C

Static insulating material application in cold -60 °C

Behavior in fire for rail vehicles (DIN 5510-2) Test passed

Flame test method (DIN EN 60695-11-10) V0

Oxygen index (DIN EN ISO 4589-2) >32 %

NF F16-101, NF F10-102 Class I 2

NF F16-101, NF F10-102 Class F 2

Surface flammability NFPA 130 (ASTM E 162) passed

Specific optical density of smoke NFPA 130 (ASTM E 662) passed

Smoke gas toxicity NFPA 130 (SMP 800C) passed

Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg

Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3

Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 3

Fire protection for rail vehicles (DIN EN 45545-2)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MTKD-S-CU/E-CU EX 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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