Thermoelectric voltage terminal block pair - MTKD-FE/CUNI - 3100046

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The illustration shows version MTKD-CU/CUNI

Thermoelectric voltage terminal block pair, USA type J, Connection method: Screw connection, Number of positions: 1, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 10.4 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32

Product Features

- These special terminal blocks are used to extend thermocouple equalizing conductors in corresponding measuring circuits
- The equalizing conductors are made from materials which, up to temperatures of 200°C, have the same thermal characteristics as the corresponding thermocouples

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 092450
Weight per Piece (excluding packing)	16.4 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	2.5 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	1 A (with 4 mm² conductor cross section)

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Technical data

General

Nominal current I_N	1 A
Nominal voltage U_N	400 V (Voltage to the neighboring feed-through terminal block MTK.)
Open side panel	ja
Number of positions	1

Dimensions

Width	10.4 mm
End cover width	1 mm
Length	46.2 mm
Height NS 35/7,5	39.9 mm
Height NS 35/15	47.4 mm
Height NS 32	44.9 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Standards and Regulations

Connection in acc. with standard	CUL
	IEC 60947-7-1
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000904

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

mm²/AWG/kcmil	28-12
Nominal current IN	10 A
Nominal voltage UN	300 V

cUL Recognized

mm²/AWG/kcmil	28-12
Nominal current IN	10 A
Nominal voltage UN	300 V

EAC

cULus Recognized

Drawings

Circuit diagram

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