Thermoelectric voltage terminal block - MTKD-NICRSI/ NISI - 5043321

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Thermoelectric voltage terminal block, cross section: 0.2 - 2.5 mm², width: 10.4 mm, color: gray

Product Features

- These special terminal blocks are used to extend thermocouple equalizing conductors in corresponding measuring circuits
- This ensures that no false thermoelectric voltages result at the junctions of the thermocouple/terminal block/equalizing conductor and that the basic values according to EN 60584/DIN EN 60584 are observed
- 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

package_quantity	50
GTIN	4017918178710

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	1 A
Nominal voltage U_N	400 V (voltage to the neighboring MTK feed-through terminal block)
Number of positions	1

Dimensions

Width	10.4 mm
Length	46 mm
Height NS 35/7,5	40 mm
Height NS 35/15	47.5 mm
Height NS 32	45 mm

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Technical data

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Connection method	Screw connection
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141131
eCl@ss 5.1	27141131
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000904
ETIM 5.0	EC002498

UNSPSC

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

approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

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approvals

Approval details

UL Recognized

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

cUL Recognized

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

GOST

cULus Recognized

accessories

End cover

D-MTK - 3101029



Partition plate

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accessories

ATS-MTK - 3101223



Screwdriver tools

SZS 1,0X4,0 VDE - 1205066



Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



Drawings

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