

## MTKD-NICR/CUNI

Order No.: 3100075

The illustration shows version MTKD-CU/CUNI



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3100075>

Thermoelectric voltage terminal block, cross section: 0.2 - 2.5 mm<sup>2</sup>,  
width: 10.4 mm, color: gray

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918092481      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.01647 KG         |
| Catalog page information | Page 328 (CL-2007) |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



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### Technical data

#### General

|                                    |      |
|------------------------------------|------|
| Number of levels                   | 1    |
| Number of connections              | 2    |
| Color                              | gray |
| Insulating material                | PA   |
| Inflammability class acc. to UL 94 | V0   |

#### Dimensions

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

#### Technical data

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| Connection in acc. with standard | IEC 60947-7-1                                                       |
| Nominal voltage $U_N$            | 400 V (Voltage to the neighboring feed-through terminal block MTK.) |

#### Connection data

|                                        |                     |
|----------------------------------------|---------------------|
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |
| Type of connection                     | Screw connection    |
| Stripping length                       | 7 mm                |
| Internal cylindrical gage              | A3                  |
| Screw thread                           | M 3                 |
| Tightening torque, min                 | 0.6 Nm              |
| Tightening torque max                  | 0.8 Nm              |

#### Certificates / Approvals

Approval logo



#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 28-12 |

## UL

|                       |         |
|-----------------------|---------|
| Nominal voltage $U_N$ | 300 V   |
| Nominal current $I_N$ | 10 A    |
| AWG/kcmil             | 28-12   |
| Certification         | CUL, UL |

## Accessories

| Item            | Designation                   | Description                                                                                                                                                                         |
|-----------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                               |                                                                                                                                                                                     |
| 3101223         | ATS-MTK                       | Separating plate, width: 1 mm, color: gray                                                                                                                                          |
| 3022218         | CLIPFIX 35                    | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |
| 3101029         | D-MTK                         | Cover, width: 1 mm, color: gray                                                                                                                                                     |
| 1201442         | E/UK                          | End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case                                                                        |
| 1201028         | NS 32 AL UNPERF 2000MM        | G rail 32 mm (NS 32)                                                                                                                                                                |
| 1201280         | NS 32 CU/120QMM UNPERF 2000MM | G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m                                                                               |
| 1201358         | NS 32 CU/35QMM UNPERF 2000MM  | G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m                                                                                           |
| 1201002         | NS 32 PERF 2000MM             | G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m                                                                                              |
| 1201015         | NS 32 UNPERF 2000MM           | G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m                                                                                            |
| 0801762         | NS 35/ 7,5 CU UNPERF 2000MM   | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                   |
| 0801733         | NS 35/ 7,5 PERF 2000MM        | DIN rail, material: Steel, perforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                      |
| 0801681         | NS 35/ 7,5 UNPERF 2000MM      | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                    |
| 1201756         | NS 35/15 AL UNPERF 2000MM     | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m                                                           |
| 1201895         | NS 35/15 CU UNPERF 2000MM     | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                      |
| 1201730         | NS 35/15 PERF 2000MM          | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m                                                                                                       |
| 1201714         | NS 35/15 UNPERF 2000MM        | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m                                                                                                     |
| 1201798         | NS 35/15-2,3 UNPERF 2000MM    | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                       |

**Marking**

|         |                  |                                                                                                         |
|---------|------------------|---------------------------------------------------------------------------------------------------------|
| 1007248 | SBS10:UNBEDRUCKT | Marker cards, unprinted, for individual labeling with the M-PEN, 250-section, perforated, white plastic |
| 1050525 | ZB10:SO/CMS      | Zack strip, 10-section, divisible, special printing, marking according to customer requirements         |

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