

Ground modular terminal block - MBK 2,5/E-PE - 1402788

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Ground modular terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 2.5 mm², AWG: 24 - 14, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 15

Product Features

- If the mini ground terminal blocks are at the end of a terminal strip, an end bracket, e.g., E/MK, should be used
- The green-yellow housing clearly indicates the protective conductor function of the terminal block
- These mini ground terminal blocks were specifically designed for 15 mm NS 15 DIN rails according to EN 60715
- The mini ground terminal blocks are electrically connected to the DIN rail via their foot elements, which means that the DIN rail can be used as a grounding busbar

Key commercial data

| | |
|------------------|---------------|
| package_quantity | 50 |
| GTIN | 4017918020897 |

Technical data

General

| | |
|---|--------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | green-yellow |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |

General

| | |
|---|---------------|
| Rated surge voltage | 4 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-2 |
| Open side panel | nein |
| Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Static insulating material application in cold | -60 °C |

Dimensions

| | |
|--------|---------|
| Width | 5.2 mm |
| Length | 26.5 mm |

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Technical data

Dimensions

| | |
|--------------|---------|
| Height NS 15 | 26.5 mm |
|--------------|---------|

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 14 |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Min. AWG conductor cross section, stranded | 24 |
| Max. AWG conductor cross section, stranded | 14 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm ² |
| 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 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |

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classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 6.0 | 27141141 |
| eCl@ss 7.0 | 27141141 |
| eCl@ss 8.0 | 27141141 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |

UNSPSC

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

approvals

CSA / UL Recognized / cUL Recognized / GOST / PRS / GOST / cULus Recognized /

Approval details

| | |
|----------------------------|-------|
| | |
| Nominal voltage UN | |
| Nominal current IN | |
| mm ² /AWG/kcmil | 28-12 |

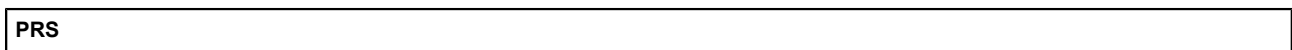
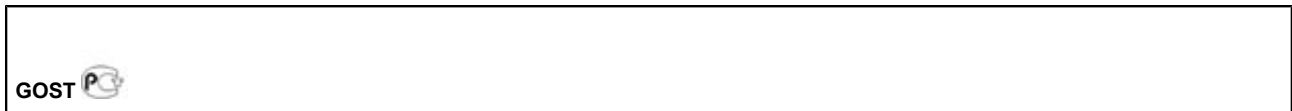
| | |
|----------------------------|-------|
| | |
| Nominal voltage UN | |
| Nominal current IN | |
| mm ² /AWG/kcmil | 30-12 |

| | |
|--|--|
| | |
|--|--|

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approvals

| | |
|----------------------------|-------|
| Nominal voltage UN | |
| Nominal current IN | |
| mm ² /AWG/kcmil | 30-12 |



accessories

Screwdriver tools

SZS 0,6X3,5 - 1205053



Labeled terminal marker

BN-ZB 5,2/WH CUS - 0824271



Mounting rail

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accessories

NS 15 UNPERF 2000MM - 1401695



NS 15 PERF 2000MM - 1401682



NS 15 AL PERF 2000MM - 1401763



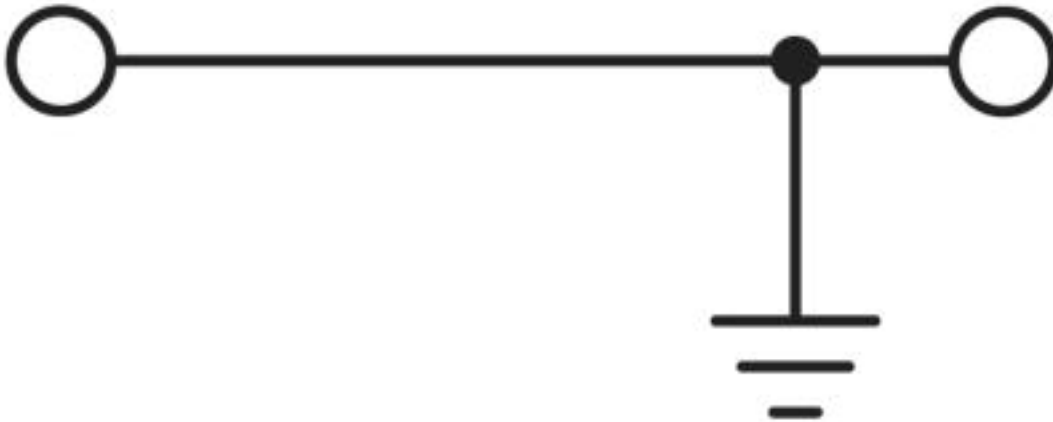
NS 15 WH PERF 2000MM - 1204096



Drawings

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Circuit diagram



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