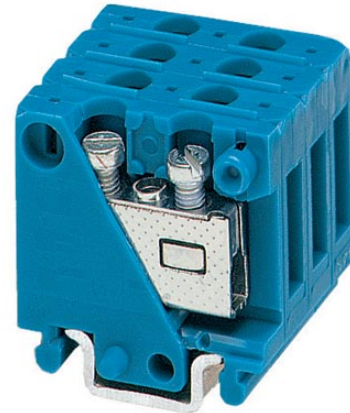


MBK BU


Order No.: 1401093



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1401093>

Feed-through modular terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 2.5 mm², AWG 24 - 14, Width: 4.5 mm, Color: blue, Mounting type: NS 15

Commercial data

| | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 020200 |
| sales group | A100 |
| Pack | 200 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 520 (CL1-2011) |

Product notes

WEEE/RoHS-compliant since: 01/01/2005



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General

| | |
|-----------------------|------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | blue |

| | |
|------------------------------------|----|
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V2 |

Dimensions

| | |
|--------|--------|
| Width | 4.5 mm |
| Length | 22 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 24 A (with 2.5 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I _N | 17.5 A |
| Nominal voltage U _N | 500 V |
| Open side panel | nein |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 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. | 1.5 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 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1 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. | 0.75 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. | 0.5 mm ² |
| Cross-section with insertion bridge, solid max. | 1.5 mm ² |
| Cross-section with insertion bridge, stranded max. | 1.5 mm ² |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Internal cylindrical gage | A 1 |
| Screw thread | M2,6 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Accessories

| Item | Designation | Description |
|-----------------|----------------------|---|
| Assembly | | |
| 1413227 | ATP-MBK | Partition plate, Length: 42.5 mm, Width: 2.5 mm, Height: 41 mm, Color: gray |
| 1413227 | ATP-MBK | Partition plate, Length: 42.5 mm, Width: 2.5 mm, Height: 41 mm, Color: gray |
| 1402225 | ATS-MBK | Partition plate, Color: gray |
| 1402225 | ATS-MBK | Partition plate, Color: gray |
| 1401637 | E/MBK | End clamp, width: 6.2 mm, color: gray |
| 1401763 | NS 15 AL PERF 2000MM | DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m |
| 1401682 | NS 15 PERF 2000MM | DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m |
| 1401695 | NS 15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m |
| 0801791 | TP-BK/MBK | Separating plate, Length: 80 mm, Width: 2 mm, Height: 42 mm, Color: gray |

Bridges

| | | |
|---------|---------|---|
| 1401158 | EB 2- 5 | Insertion bridge, Number of positions: 2, Color: gray |
| 1401145 | EB 3- 5 | Insertion bridge, Number of positions: 3, Color: gray |

| | | |
|---------|----------|--|
| 1401132 | EB 10- 5 | Insertion bridge, Number of positions: 10, Color: gray |
|---------|----------|--|

Marking

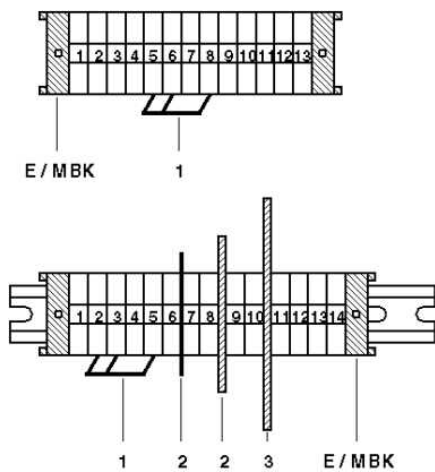
| | | |
|---------|-------------------|---|
| 1401404 | BN WH | Marker pin, unprinted: for individual labeling with M-PEN, lettering field size: 4 x 4 mm |
| 1400133 | BNB-ZB 5,2:SO/CMS | BNB Zack strip, special printing, 10-section, divisible, marking according to customer requirements |

Tools

| | | |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|--|

Diagrams/Drawings

Circuit diagram



- 1 = insertion bridge
- 2 = partition plate
- 3 = separating plate

Address

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