

1406098  
<https://www.phoenixcontact.com/pc/products/1406098>

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Feed-through terminal block, nom. voltage: 400 V, nominal current: 16 A, 1 level, connection method: Spade connection, cross section: 0.5 mm<sup>2</sup> - 1 mm<sup>2</sup>, mounting: NS 15, color: blue

Commercial data

|                                      |                    |
|--------------------------------------|--------------------|
| Item number                          | 1406098            |
| Packing unit                         | 200 pc             |
| Minimum order quantity               | 1 pc               |
| Product key                          | BE511X             |
| Catalog page                         | Page 313 (CL-2005) |
| GTIN                                 | 4017918021030      |
| Weight per piece (including packing) | 2.4 g              |
| Weight per piece (excluding packing) | 2.181 g            |
| Customs tariff number                | 85369010           |
| Country of origin                    | DE                 |

# MBK-FS/FS BU - Feed-through terminal block



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## Technical data

### Product properties

|                       |                          |
|-----------------------|--------------------------|
| Product type          | Miniature terminal block |
| Number of connections | 8                        |
| Number of rows        | 1                        |
| Potentials            | 1                        |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 01 |
|------------------|----|

### Insulation characteristics

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution  | 3   |

### Electrical properties

|                     |      |
|---------------------|------|
| Rated surge voltage | 6 kV |
|---------------------|------|

### Connection data

|                                 |   |
|---------------------------------|---|
| Number of connections per level | 2 |
|---------------------------------|---|

#### 1 level

|                                         |                                                                                                                                                                         |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spade connection                        | 6.3/2.8 x 0.8 mm                                                                                                                                                        |
| Connection in acc. with standard        | IEC 60947-7-1                                                                                                                                                           |
| Conductor cross section rigid           | 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>                                                                                                                               |
| Cross section AWG                       | 20 ... 18 (converted acc. to IEC)                                                                                                                                       |
| Conductor cross section flexible        | 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>                                                                                                                               |
| Conductor cross section, flexible [AWG] | 20 ... 18 (converted acc. to IEC)                                                                                                                                       |
| Nominal current                         | 16 A (current data for slip-on connections in acc. with DIN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross section.)  |
| Maximum load current                    | 16 A (current data for slip-on connections in acc. with DIN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross section.)  |
| Nominal voltage                         | 400 V (voltage data for slip-on connections in acc. with DIN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross section.) |

### Dimensions

|       |        |
|-------|--------|
| Width | 5.2 mm |
|-------|--------|

### Material specifications

|                                        |      |
|----------------------------------------|------|
| Color                                  | blue |
| Flammability rating according to UL 94 | V2   |
| Insulating material group              | I    |
| Insulating material                    | PA   |

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## Mechanical properties

### Mechanical data

|                 |    |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

## Standards and regulations

|                                  |               |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
|----------------------------------|---------------|

## Mounting

|               |       |
|---------------|-------|
| Mounting type | NS 15 |
|---------------|-------|

# MBK-FS/FS BU - Feed-through terminal block

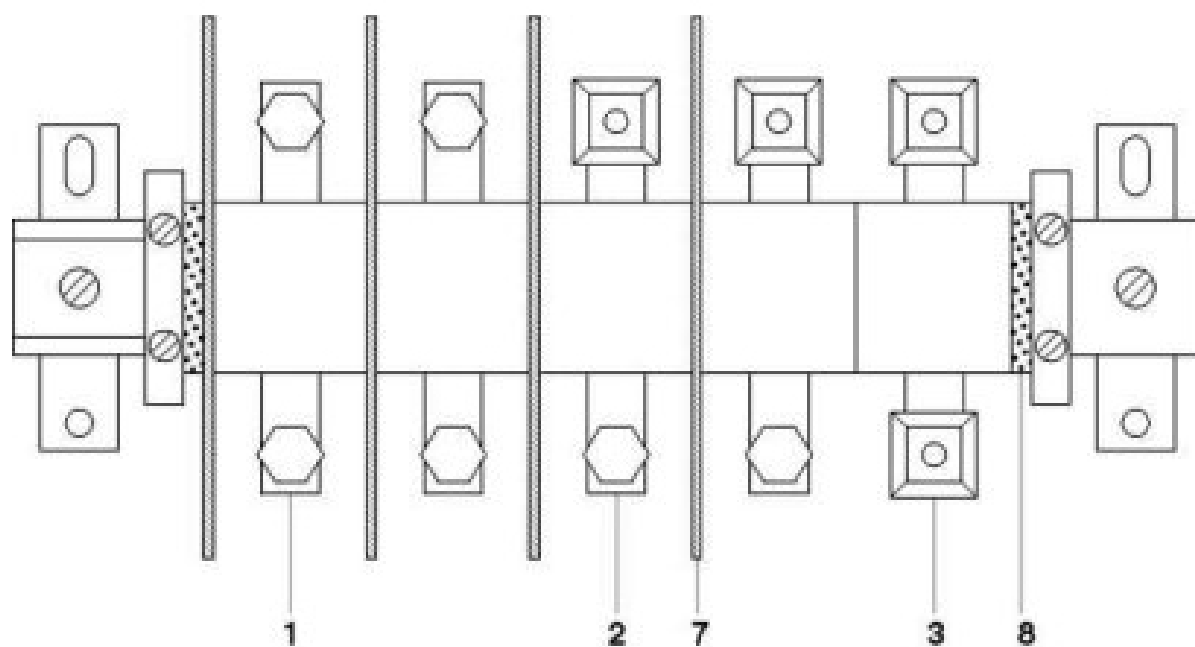


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## Drawings

Circuit diagram



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## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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