

# MBK-FS BU - Mini feed-through terminal block



1407097

<https://www.phoenixcontact.com/us/products/1407097>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Mini feed-through terminal block, nom. voltage: 400 V, nominal current: 16 A, number of connections: 2, connection method: Special and hybrid connection, 1st level connection left, cross section: 0.2 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, mounting type: NS 15, color: blue

## Commercial data

Item number	1407097
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE05
Product key	BE511X
GTIN	4017918021061
Weight per piece (including packing)	3.97 g
Weight per piece (excluding packing)	3.179 g
Customs tariff number	85369010
Country of origin	DE

# MBK-FS BU - Mini feed-through terminal block



1407097

<https://www.phoenixcontact.com/us/products/1407097>

## Technical data

### Product properties

Product type	Miniature terminal block
Number of connections	2
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

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

### Connection data

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

#### 1st level connection left

Connection method	Special and hybrid connection
Screw thread	M2,6
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A1
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross section AWG	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Cross-section with insertion bridge, rigid	1.5 mm <sup>2</sup>
Cross-section with insertion bridge, flexible	1.5 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.2 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
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 (with a 2.5 mm <sup>2</sup> 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.)

# MBK-FS BU - Mini feed-through terminal block



1407097

<https://www.phoenixcontact.com/us/products/1407097>

## Dimensions

Width	4.5 mm
-------	--------

## Material specifications

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

## Mechanical properties

### Mechanical data

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

## Standards and regulations

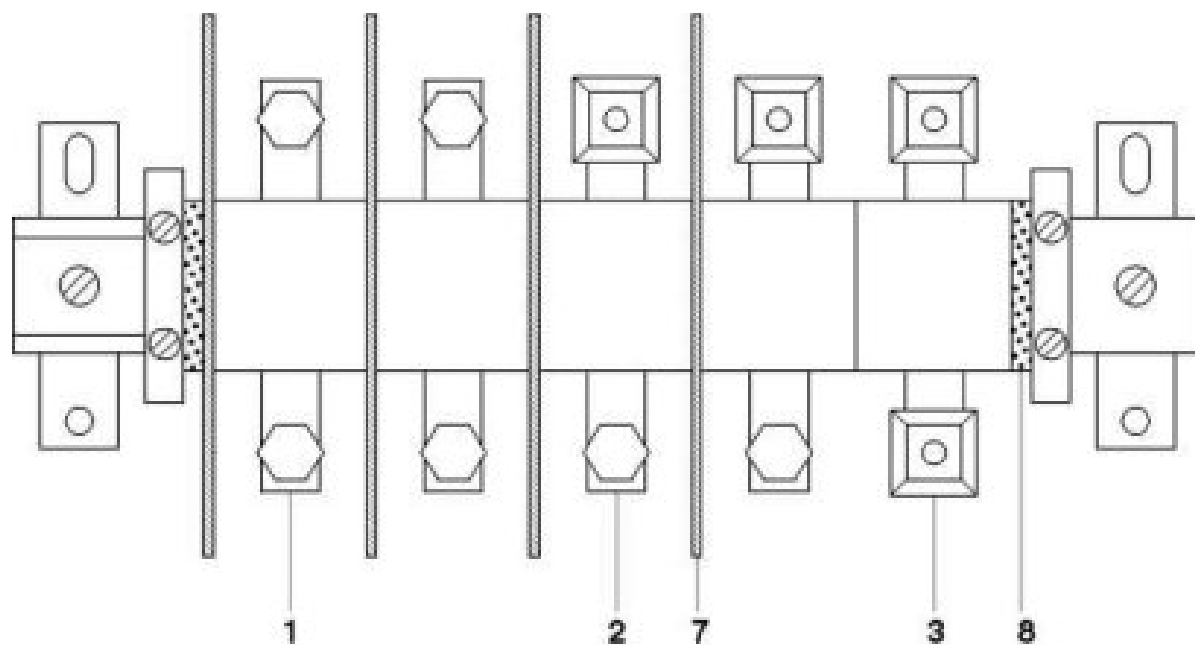
Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

## Mounting

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

## Drawings

### Circuit diagram



1 = high current connector, AS screw set on both sides

2 = high current connector, terminal sleeve KH on one side, screw set AS on the other side

3 = high current connector

7 = separating plate

8 = end piece

# MBK-FS BU - Mini feed-through terminal block



1407097

<https://www.phoenixcontact.com/us/products/1407097>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)