

MBK-FS BU - Mini feed-through terminal block



1407097

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

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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 mm² - 2.5 mm², 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

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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
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Connection data

Number of connections per level	2
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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 ² ... 2.5 mm ²
Cross section AWG	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross-section, flexible [AWG]	24 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 1.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 1 mm ²
Cross-section with insertion bridge, rigid	1.5 mm ²
Cross-section with insertion bridge, flexible	1.5 mm ²
2 conductors with same cross section, rigid	0.2 mm ² ... 0.75 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 0.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 0.75 mm ²
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 ² 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.)

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Dimensions

Width	4.5 mm
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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
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Standards and regulations

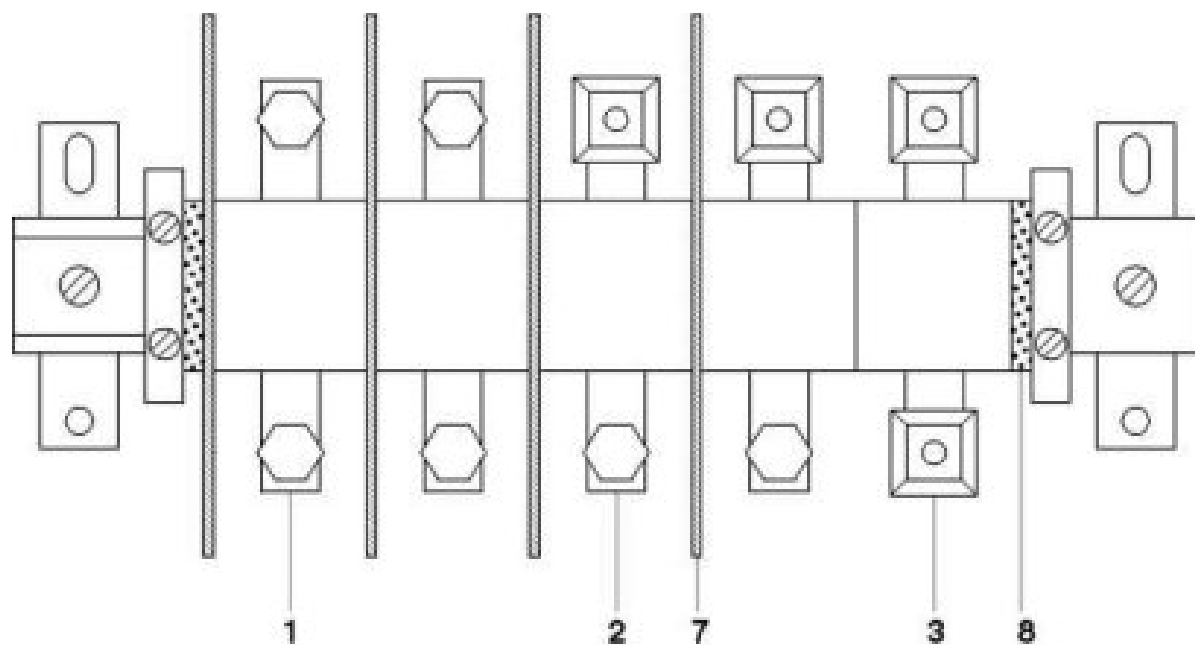
Connection in acc. with standard	IEC 60947-7-1
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Mounting

Mounting type	NS 15
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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

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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