

MBK-FS - Mini feed-through terminal block



1407013
<https://www.phoenixcontact.com/il/products/1407013>

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Mini feed-through terminal block, nom. voltage: 400 V, nominal current: 16 A, number of connections: 2, connection method: Screw connection, 1st level connection left, cross section: 0.2 mm² - 2.5 mm², mounting type: NS 15, color: gray

Your advantages

- Clear arrangement thanks to marking of all terminal points
- Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- Easy potential distribution thanks to standardized plug-in bridges

Commercial data

Item number	1407013
Packing unit	200 pc
Minimum order quantity	1 pc
Product key	BE511X
Catalog page	Page 313 (CL-2005)
GTIN	4017918021054
Weight per piece (including packing)	3.42 g
Weight per piece (excluding packing)	3.201 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
Maximum power dissipation for nominal condition	0 W

Connection data

Number of connections per level	2
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1st level connection left

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, solid	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	gray
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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Environmental and real-life conditions

Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

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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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/il/products/1407013>

	CSA			
	Approval ID: 13631			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	150 V	20 A	28 - 14	-

	EAC			
	Approval ID: RU C-DE.BL08.B.00541			

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Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250101

ETIM

ETIM 9.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

i Note: Applying some accessories below might limit this product.

EB 2- 5 - Insertion bridge

1401158

<https://www.phoenixcontact.com/il/products/1401158>

Insertion bridge, pitch: 5 mm, number of positions: 2, color: gray



i Max. current carrying capacity: 16 A

EB 3- 5 - Insertion bridge

1401145

<https://www.phoenixcontact.com/il/products/1401145>

Insertion bridge, pitch: 5 mm, number of positions: 3, color: gray



i Max. current carrying capacity: 16 A

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EB 10- 5 - Insertion bridge

1401132

<https://www.phoenixcontact.com/il/products/1401132>

Insertion bridge, pitch: 5.2 mm, number of positions: 10, color: gray



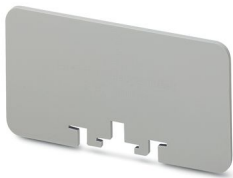
 Max. current carrying capacity: 16 A

TP-BK/MBK - Separating plate

0801791

<https://www.phoenixcontact.com/il/products/0801791>

Separating plate, width: 2 mm, height: 42 mm, color: gray



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ATP-MBK - Partition plate

1413227

<https://www.phoenixcontact.com/il/products/1413227>



Partition plate, depth: 30.5 mm, width: 2.5 mm, height: 42.5 mm, color: gray

ATS-MBK - Separating plate

1402225

<https://www.phoenixcontact.com/il/products/1402225>



Separating plate, width: 0.5 mm, height: 26.6 mm, color: gray

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BN WH - Marker for terminal blocks

1401404

<https://www.phoenixcontact.com/il/products/1401404>



Marker for terminal blocks, Stud, white, unlabeled, can be labeled with: Marker pen, mounting type: plug in, for terminal block width: 4.2 mm, lettering field size: 4 x 4 mm

SZS 0,6X3,5 - Screwdriver

1205053

<https://www.phoenixcontact.com/il/products/1205053>



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

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BN-ZB 5,2/WH CUS - Marker pin Zack strip

0824271

<https://www.phoenixcontact.com/il/products/0824271>



Marker pin Zack strip, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: plug in, for terminal block width: 5.2 mm, lettering field size: 4 x 4 mm, Number of individual labels: 10

NS 15 UNPERF 2000MM VPE 10 - DIN rail, unperforated

1401695

<https://www.phoenixcontact.com/il/products/1401695>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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NS 15 PERF 2000MM VPE 10 - DIN rail perforated

1401682

<https://www.phoenixcontact.com/il/products/1401682>



DIN rail perforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

NS 15 AL PERF 2000MM VPE 10 - DIN rail perforated

1401763

<https://www.phoenixcontact.com/il/products/1401763>



DIN rail perforated, Pack of 10 (20 m), acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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NS 15 WH PERF 2000MM-VPE 10 - DIN rail perforated

1204096

<https://www.phoenixcontact.com/il/products/1204096>

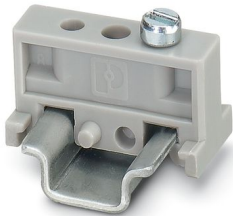


DIN rail perforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

E/MBK - End bracket

1401637

<https://www.phoenixcontact.com/il/products/1401637>



End clamp, width: 6.2 mm, color: gray

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E/MK - End bracket

1421633

<https://www.phoenixcontact.com/il/products/1421633>

End clamp, width: 6.2 mm, color: gray

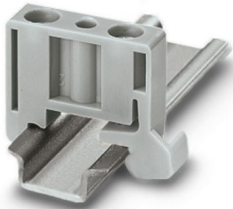


E/MK 1 - End bracket

1421659

<https://www.phoenixcontact.com/il/products/1421659>

End clamp width: 6 mm, color: gray



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C-SCF 1/2,8X0,5 - Connector

3240152

<https://www.phoenixcontact.com/il/products/3240152>



Slip-on sleeve, non-insulated, 0.5 ... 1 mm², 2.8 x 0.5

C-SCFI 1,5/2,8X0,5 - Connector

3240048

<https://www.phoenixcontact.com/il/products/3240048>



Slip-on sleeve, red, 0.5 ... 1.5 mm², 2.8 x 0.5

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C-SCF 1/2,8X0,8 - Connector

3240153

<https://www.phoenixcontact.com/il/products/3240153>



Slip-on sleeve, non-insulated, 0.5 ... 1 mm², 2.8 x 0.8

C-SCFI 1,5/2,8X0,8 - Connector

3240049

<https://www.phoenixcontact.com/il/products/3240049>



Slip-on sleeve, red, 0.5 ... 1.5 mm², 2.8 x 0.8

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C-SCF 1,5/6,3X0,8 - Connector

3240156

<https://www.phoenixcontact.com/il/products/3240156>



Slip-on sleeve, non-insulated, 0.5 ... 1.5 mm², 6.3 x 0.8

C-SCFI 1,5/6,3X0,8 - Connector

3240052

<https://www.phoenixcontact.com/il/products/3240052>



Slip-on sleeve, red, 0.5 ... 1.5 mm², 6.3 x 0.8

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C-SCF 2,5/6,3X0,8 - Connector

3240159

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Slip-on sleeve, non-insulated, 1.5 ... 2.5 mm², 6.3 x 0.8

C-SCFI 2,5/6,3X0,8 - Connector

3240055

<https://www.phoenixcontact.com/il/products/3240055>



Slip-on sleeve, blue, 1.5 ... 2.5 mm², 6.3 x 0.8

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C-SCF 6/6,3X0,8 - Connector

3240160

<https://www.phoenixcontact.com/il/products/3240160>



Slip-on sleeve, non-insulated, 4 ... 6 mm², 6.3 x 0.8

C-SCFI 6/6,3X0,8 - Connector

3240056

<https://www.phoenixcontact.com/il/products/3240056>



Slip-on sleeve, yellow, 4 ... 6 mm², 6.3 x 0.8

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PT/FS 2,8 - Insulating sleeve

1406700

<https://www.phoenixcontact.com/il/products/1406700>

Insulating sleeve, as touch protection, slide onto the conductor before for 2.8 slip-on sleeves



PT/FS 6,3 - Insulating sleeve

0604707

<https://www.phoenixcontact.com/il/products/0604707>

Insulating sleeve, as touch protection, slide onto the conductor before for 6.3 slip-on sleeves



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PHOENIX CONTACT Israel Ltd.
P.O.B. 1799 Industrial Park Hasharon
Quadima 60920
+972-9-8915700
info@phoenixcontact.co.il