

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Mini feed-through terminal block, connection method: Slip-on connection, cross section: 0.5 mm² - 1 mm², AWG: 20 - 18, width: 6.2 mm, color: gray, mounting: NS 15

Why buy this product

- ✓ This terminal block has a proven screw connection on the outside of the control cabinet
- ✓ Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- ✓ Clear arrangement thanks to marking of all terminal points
- ✓ Easy potential distribution thanks to standardized plug-in bridges

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 021511
GTIN	4017918021511
Weight per Piece (excluding packing)	3.960 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	8
Nominal cross section	4 mm ²
Color	gray
Insulating material	PA-F

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Technical data

General

Flammability rating according to UL 94	HB
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W
Connection method	Slip-on connection
Maximum load current	16 A
Nominal current I_N	16 A
Nominal voltage U_N	500 V (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.)
Open side panel	Yes

Dimensions

Width	6.2 mm
Length	28 mm
End cover width	1 mm

Connection data

Connection method	Slip-on connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	1 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	18
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	1 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	18
Slip-on connection	6.3/2.8 x 0.8 mm

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	HB

Environmental Product Compliance

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

Drawings

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Circuit diagram



Classifications

eCl@ss

eCl@ss 4.0	27141123
eCl@ss 4.1	27141123
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897
ETIM 6.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
Nominal current IN		5 A	
Nominal voltage UN		300 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
mm ² /AWG/kcmil		26-10	
Nominal current IN		5 A	
Nominal voltage UN		300 V	

EAC		EAC-Zulassung
-----	--	---------------

EAC		7500651.22.01.00246
-----	--	---------------------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
------------------	--	---

Accessories

Accessories

Bridge

Fixed bridge - FB-150 METER - 0201595



Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

Connector

Connector - C-SCF 1/2,8X0,5 - 3240152



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

Connector - C-SCFI 1,5/2,8X0,5 - 3240048



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

Connector - C-SCF 1/2,8X0,8 - 3240153



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

Connector - C-SCFI 1,5/2,8X0,8 - 3240049



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

Connector - C-SCF 1,5/6,3X0,8 - 3240156



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

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

Connector - C-SCFI 1,5/6,3X0,8 - 3240052



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

Connector - C-SCF 2,5/6,3X0,8 - 3240159



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

Connector - C-SCFI 2,5/6,3X0,8 - 3240055



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

Connector - C-SCF 6/6,3X0,8 - 3240160



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

Connector - C-SCFI 6/6,3X0,8 - 3240056



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

DIN rail

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

DIN rail, unperforated - NS 15 UNPERF 2000MM - 1401695



DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m

DIN rail perforated - NS 15 PERF 2000MM - 1401682

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 5.5 mm, width 15 mm, length: 2000 mm

DIN rail perforated - NS 15 AL PERF 2000MM - 1401763



DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m

DIN rail perforated - NS 15 WH PERF 2000MM - 1204096



DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m

End block

End clamp - E/MBK - 1401637



End clamp, width: 6.2 mm, color: gray

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

End clamp - E/MK - 1421633



End clamp, width: 6.2 mm, color: gray

End clamp - E/MK 1 - 1421659



End clamp width: 6 mm, color: gray

End cover

End cover - D-MBK/E - 1415021



End cover, length: 28 mm, width: 1 mm, height: 26.2 mm, color: gray

Insertion bridge

Insertion bridge - EB 2- 6 - 0201155



Insertion bridge, pitch: 6.2 mm, number of positions: 2, color: gray

Insertion bridge - EB 3- 6 - 0201142



Insertion bridge, pitch: 6.2 mm, number of positions: 3, color: gray

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

Insertion bridge - EB 10- 6 - 0201139



Insertion bridge, pitch: 6.2 mm, number of positions: 10, color: gray

Insulating sleeve

Insulating sleeve - PT/FS 2,8 - 1406700



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

Bridge bar isolator - IS-K 4 - 1302338



Bridge bar isolator, color: gray

Insulating sleeve - PT/FS 2,8 - 1406700



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

Insulating sleeve - PT/FS 6,3 - 0604707



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

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

Labeled terminal marker

Marker pin Zack strip - BN-ZB 6,2/WH CUS - 0824276



Marker pin Zack strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Plug in, for terminal block width: 6.2 mm, Lettering field: 4 x 4 mm

Partition plate

Partition plate - ATP-MBK - 1413227



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

Screw bridge

Jumper - ISSBI 10- 6 - 0301505



Jumper, pitch: 6 mm, number of positions: 10, color: silver

Fixed bridge - FBI 10- 6 - 0203250



Fixed bridge, pitch: 6 mm, number of positions: 10, color: silver

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

Fixed bridge - FBI 20- 6 - 0201867



Fixed bridge, pitch: 6 mm, number of positions: 20, color: silver

Fixed bridge - FBI 100- 6 - 0201650



Fixed bridge, pitch: 6 mm, number of positions: 100, color: silver

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 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

Switching jumper

Switching jumper - SBRN 2-7 - 1413230



Switching jumper, pitch: 7 mm, number of positions: 2, color: silver

Test plug terminal block

Mini feed-through terminal block - MBK 5/E-FS/FS - 1417074

Accessories

Reducing plug - RPS - 0201647



Reducing plug, color: gray

Test socket

Female test connector - PSBJ 3/13/4 - 0201304



Female test connector, color: silver

Female test connector - PSB 3/10/4 - 0601292



Female test connector, color: silver
