

## Mini feed-through terminal block - MBK-FS/FS - 1406014

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Mini feed-through terminal block, connection method: Slip-on connection, cross section: 0.5 mm<sup>2</sup> - 1 mm<sup>2</sup>, AWG: 20 - 18, width: 5.2 mm, color: gray, mounting: NS 15

### 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

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 021023
GTIN	4017918021023
Weight per Piece (excluding packing)	2.300 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Number of levels	1
Number of connections	8
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	6 kV
Degree of pollution	3

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## Technical data

### General

Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Connection method	Slip-on connection
Connection in acc. with standard	IEC 60947-7-1
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 current $I_N$	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 $U_N$	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.)
Open side panel	No

### Dimensions

Width	5.2 mm
Length	22 mm

### Connection data

Connection method	Slip-on connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	1 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	18
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	1 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	18
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
Slip-on connection	6.3/2.8 x 0.8 mm

### Standards and Regulations

Connection in acc. with standard	CSA
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## Technical data

### Standards and Regulations

	IEC 60947-7-1
Flammability rating according to UL 94	V2

### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
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
ETIM 7.0	EC000897

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

# Mini feed-through terminal block - MBK-FS/FS - 1406014

## Approvals

Approvals

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Approvals

CSA / EAC / EAC

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Ex Approvals

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## Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
Nominal voltage UN		150 V	
Nominal current IN		20 A	
mm <sup>2</sup> /AWG/kcmil		22-14	

EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00541
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## Accessories

Accessories

Connector

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



Slip-on sleeve, non-insulated, 0.5 ... 1 mm<sup>2</sup>, 2.8 x 0.5

## Mini feed-through terminal block - MBK-FS/FS - 1406014

### Accessories

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



Slip-on sleeve, red, 0.5 ... 1.5 mm<sup>2</sup>, 2.8 x 0.5

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



Slip-on sleeve, non-insulated, 0.5 ... 1 mm<sup>2</sup>, 2.8 x 0.8

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



Slip-on sleeve, red, 0.5 ... 1.5 mm<sup>2</sup>, 2.8 x 0.8

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



Slip-on sleeve, non-insulated, 0.5 ... 1.5 mm<sup>2</sup>, 6.3 x 0.8

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



Slip-on sleeve, red, 0.5 ... 1.5 mm<sup>2</sup>, 6.3 x 0.8

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## Mini feed-through terminal block - MBK-FS/FS - 1406014

### Accessories

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



Slip-on sleeve, non-insulated, 1.5 ... 2.5 mm<sup>2</sup>, 6.3 x 0.8

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



Slip-on sleeve, blue, 1.5 ... 2.5 mm<sup>2</sup>, 6.3 x 0.8

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



Slip-on sleeve, non-insulated, 4 ... 6 mm<sup>2</sup>, 6.3 x 0.8

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



Slip-on sleeve, yellow, 4 ... 6 mm<sup>2</sup>, 6.3 x 0.8

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### DIN rail

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



DIN rail, unperforated, Standard profile, width: 15 mm, height: 5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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## Mini feed-through terminal block - MBK-FS/FS - 1406014

### Accessories

DIN rail perforated - NS 15 PERF 2000MM - 1401682



DIN rail perforated, Standard profile, width: 15 mm, height: 5.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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



DIN rail perforated, Standard profile, width: 15 mm, height: 5.5 mm, acc. to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

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



DIN rail perforated, Standard profile, width: 15 mm, height: 5.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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### End block

End clamp - E/MBK - 1401637



End clamp, width: 6.2 mm, color: gray

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End clamp - E/MK - 1421633



End clamp, width: 6.2 mm, color: gray

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## Mini feed-through terminal block - MBK-FS/FS - 1406014

### Accessories

End clamp - E/MK 1 - 1421659



End clamp width: 6 mm, color: gray

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### 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

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Insulating sleeve - PT/FS 6,3 - 0604707



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

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### Labeled terminal marker

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

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### Partition plate



## Mini feed-through terminal block - MBK-FS/FS - 1406014

### Accessories

Separating plate - TP-BK/MBK - 0801791



Separating plate, length: 80 mm, width: 2 mm, height: 42 mm, color: gray

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Partition plate - ATP-MBK - 1413227



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

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Partition plate - ATS-MBK - 1402225



Partition plate, length: 30 mm, width: 0.5 mm, height: 26.6 mm, color: gray

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### Terminal marking

Marker for terminal blocks - BN WH - 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

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