Feed-through terminal block - MBK-FS - 1407013

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Feed-through terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 2.5 mm², AWG: 24 - 14, Width: 4.5 mm, Color: gray, Mounting type: NS 15

Product Features

- 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 1
GTIN	4 017918 021054
Weight per Piece (excluding packing)	3.42 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2
Maximum load current	16 A (with 2.5 mm² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III

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Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	16 A
Nominal voltage U_N	400 V
Open side panel	nein

Dimensions

Width	4.5 mm
Length	22 mm
Height NS 15	23 mm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm²
Cross section with insertion bridge, solid max.	1.5 mm²
Cross section with insertion bridge, stranded max.	1.5 mm²
Connection method	Special and hybrid connection
Stripping length	8 mm

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Technical data

Connection data

Internal cylindrical gage	A 1
Screw thread	M2,6
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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

ETIM

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

UNSPSC

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

Approvals

Approvals

Approvals

CSA

Ex Approvals

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Approvals

Approvals submitted

Approval details

CSA

mm²/AWG/kcmil	28-14
Nominal current IN	20 A
Nominal voltage UN	150 V

Accessories

Accessories

Bridge

Insertion bridge - EB 2- 5 - 1401158

Insertion bridge, Number of positions: 2, Color: gray

Insertion bridge - EB 3- 5 - 1401145

Insertion bridge, Number of positions: 3, Color: gray

Insertion bridge - EB 10- 5 - 1401132

Insertion bridge, Number of positions: 10, Color: gray

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Accessories

End block

End clamp - E/MBK - 1401637

End clamp, width: 6.2 mm, color: gray

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

Labeled terminal marker

Marker pin Zack strip - BN-ZB 5,2/WH CUS - 0824271

Marker pin Zack strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Plug in, For terminal block width: 5.2 mm, Lettering field: 4 x 4 mm

Mounting rail

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Accessories

DIN rail - NS 15 UNPERF 2000MM - 1401695

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

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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

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DIN rail - NS 15 AL PERF 2000MM - 1401763

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

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DIN rail - NS 15 WH PERF 2000MM - 1204096

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

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Partition plate

Separating plate - TP-BK/MBK - 0801791

Separating plate, Length: 80 mm, Width: 2 mm, Height: 42 mm, Color: gray

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Accessories

Partition plate - ATP-MBK - 1413227

Partition plate, Length: 42.5 mm, Width: 2.5 mm, Height: 41 mm, Color: gray

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

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: 4 x 4 mm

Drawings

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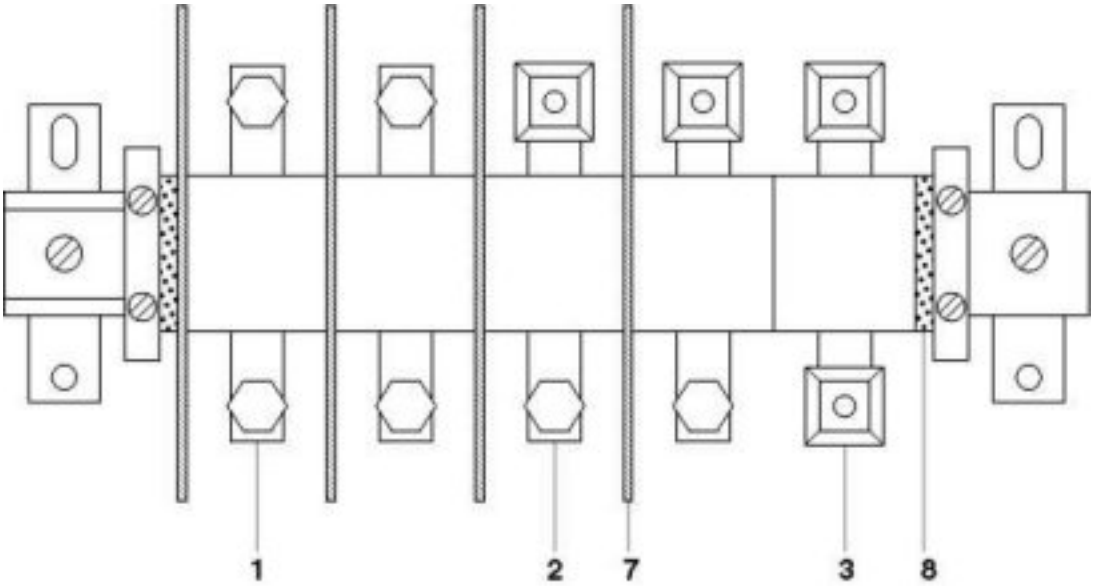
Circuit diagram



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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