

## Feed-through terminal block - MBK 5/E-Z - 1402940

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 15

### Why buy this product

- ✔ Separating disks, partition plates, and test sockets complete the range of accessories
- ✔ Comprehensive bridging material, such as fixed bridges, insertion bridges, and switchable bridges, enable easy and reliable potential branching
- ✔ The MBK... terminal block series represents the top end of the mini terminal block range for 15 mm NS 15 DIN rails
- ✔ All MBK ... terminal blocks have a bridging option in the terminal center

### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 517 (CL1-2011)
GTIN	 4 017918 116941
Custom tariff number	85369010
Country of origin	CHINA

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

#### Dimensions

Width	6.2 mm
Length	28 mm

#### Technical data

Maximum load current	41 A (with 6 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III

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## Technical data

### Technical data

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	ja

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	4 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	4 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

## Classifications

### eclass

eCl@ss 4.0	27141123
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## Classifications

### eclass

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

### etim

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	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 / GOST / PRS / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	26-10	26-10	26-10
Nominal current I <sub>N</sub>	30 A	30 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

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## Approvals

cUL Recognized

	B	C	D
mm <sup>2</sup> /AWG/kcmil	26-10	26-10	26-10
Nominal current I <sub>N</sub>	30 A	30 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

GOST

PRS

GOST

cULus Recognized

## Accessories

Accessories

Assembly

DIN rail - NS 15 AL PERF 2000MM - 1401763



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

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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### Accessories

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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End clamp - E/MBK - 1401637



End clamp, width: 6.2 mm, color: gray

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End cover - D-MBK/E - 1415021



End cover, Length: 28 mm, Width: 1 mm, Height: 26.2 mm, Color: gray

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Separating plate - TS-KK 3 - 2770215



Separating plate, Length: 14 mm, Height: 16 mm, Color: gray

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Partition plate - ATP-MBK - 1413227



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

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### Bridges

## Feed-through terminal block - MBK 5/E-Z - 1402940

### Accessories

Fixed bridge - FBI 10- 6 - 0203250



Fixed bridge, Number of positions: 10, Color: silver

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Fixed bridge - FBI 20- 6 - 0201867



Fixed bridge, Number of positions: 20, Color: silver

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Fixed bridge - FBI 100- 6 - 0201650

Fixed bridge, Number of positions: 100, Color: silver

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Insertion bridge - EB 2- 6 - 0201155



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

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Insertion bridge - EB 3- 6 - 0201142



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

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Insertion bridge - EB 10- 6 - 0201139



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

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## Feed-through terminal block - MBK 5/E-Z - 1402940

### Accessories

Switching jumper - SBRN 2-7 - 1413230



Switching jumper, Color: silver

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### Marking

Marker cards - SBS 6:UNBEDRUCKT - 1007222



Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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### Plug/Adapter

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



Female test connector, Color: silver

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### 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

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### Drawings

# Feed-through terminal block - MBK 5/E-Z - 1402940

Circuit diagram



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