

## Feed-through terminal block - MBK 2,5/E BU - 1414019

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG 24 - 14, Width: 5.2 mm, Color: blue, 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 516 (CL1-2011)
GTIN	 4 017918 021276
Custom tariff number	85369010
Country of origin	GERMANY

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V2

#### Dimensions

Width	5.2 mm
Length	24.5 mm

#### Technical data

Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
Rated surge voltage	4 kV
Pollution degree	3

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## Technical data

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Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	250 V
Open side panel	ja

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
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.	2.5 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.	0.75 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.	0.75 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.	1.5 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.	0.75 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	2.5 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

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## Classifications

### eclass

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

### 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


CSA / UL Recognized / cUL Recognized / GOST / BV / RS / PRS / GOST / cULus Recognized

#### Ex Approvals

IECEX / ATEX

#### Approvals submitted

### Approval details

	
mm <sup>2</sup> /AWG/kcmil	28-12
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	300 V

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## Approvals

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	300 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	300 V

GOST

BV

RS

PRS

GOST

cULus Recognized

## Accessories

Accessories

Assembly

## Feed-through terminal block - MBK 2,5/E BU - 1414019

### Accessories

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 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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End clamp - E/MBK - 1401637



End clamp, width: 6.2 mm, color: gray

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End cover - D-MBK 2,5/E BU - 1414022



End cover, Length: 24.5 mm, Width: 1 mm, Color: blue

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Partition plate - ATP-MBK - 1413227



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

## Feed-through terminal block - MBK 2,5/E BU - 1414019

### Accessories

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#### Bridges

Fixed bridge - FBRNI 20-5 N - 3000609



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

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Fixed bridge - FBRNI 10-5 N - 2770639



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

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Insertion bridge - EB 3- 5 - 1401145



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

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Insertion bridge - EB 10- 5 - 1401132



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

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Insertion bridge - EB 2- 5 - 1401158



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

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#### Plug/Adapter

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### Accessories

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

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

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