

## Feed-through terminal block - MZB 1.5-M BU - 3003790

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Feed-through terminal block, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG: 26 - 14, Width: 5.2 mm, Height: 22 mm, Color: blue, Mounting type: Screw mounting



### Why buy this product

MZ(D)B 1,5-M middle terminal blocks can be mounted directly on a mounting plate in conjunction with the MZ(D)B 1,5-F flange terminal block and the D-MZB 1,5-F flange end cover



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 236 (CL1-2011)
GTIN	 4 017918 106881
Custom tariff number	85369010
Country of origin	CHINA

### Technical data

#### General

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

#### Dimensions

Width	5.2 mm
Length	32 mm
Height	22 mm

#### Technical data

Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
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## Technical data

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Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	17.5 A
Nominal voltage $U_N$	800 V
Number of positions	1

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max.	14
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve 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.	1 mm <sup>2</sup>
Connection method	Spring-cage connection
Stripping length	9 mm
Internal cylindrical gage	A 1

## Classifications

### ETIM

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

### UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410

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## Classifications

### UNSPSC

UNSPSC 13.2	39121410
UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

### 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

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

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#### Ex Approvals


#### ATEX


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#### Approvals submitted

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### Approval details

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	26-14
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	600 V


cUL Recognized 	
mm <sup>2</sup> /AWG/kcmil	26-14
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	600 V

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### Approvals

GOST 

GOST 

cULus Recognized 

### Accessories

#### Accessories

#### Assembly

End cover - D-MZB 1,5-F - 3024180



End cover, Width: 4 mm, Color: gray

End cover - D-MZB 1,5-F BU - 3024449



End cover, Width: 4 mm, Color: blue

### Marking

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

## Feed-through terminal block - MZB 1.5-M BU - 3003790

### Accessories

#### Zack Marker strip, flat - ZBF 5 CUS - 0825025



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

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#### Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, Bluemark, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

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#### Marker for terminal blocks - UC-TMF 5 CUS - 0824638



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

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#### Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

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#### Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

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### Tools

## Feed-through terminal block - MZB 1.5-M BU - 3003790

### Accessories

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, 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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Screwdriver - ST-BW - 1207608



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

### Drawings

Circuit diagram



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