

Mini feed-through terminal block - MBK 2,5/E - 1414006

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Mini feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 2.5 mm², AWG: 24 - 14, Width: 5.2 mm, Color: gray, Mounting type: NS 15

Why buy this product

- ✔ Separating disks, partition plates, and test sockets complete the range of accessories
- ✔ 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	50 pc
GTIN	 4 017918 021269
Weight per Piece (excluding packing)	3.96 g
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	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

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Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	24 A
Nominal voltage U_N	250 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	24.5 mm
Height NS 15	26.5 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	14
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm ²
Cross section with insertion bridge, solid max.	2.5 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3

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Technical data

Connection data

Tightening torque, min	0.6 Nm
Tightening torque max	0.8 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 / UL Recognized / cUL Recognized / GOST / LR / BV / RS / PRS / GOST / cULus Recognized

Ex Approvals

IECEX / ATEX

Approvals submitted

BV

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Approvals

Approval details

CSA	
mm ² /AWG/kcmil	28-12
Nominal current I _N	20 A
Nominal voltage U _N	300 V

UL Recognized	
mm ² /AWG/kcmil	30-12
Nominal current I _N	20 A
Nominal voltage U _N	300 V

cUL Recognized	
mm ² /AWG/kcmil	30-12
Nominal current I _N	20 A
Nominal voltage U _N	300 V

GOST	
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LR

BV


RS

PRS

GOST

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Approvals

cULus Recognized 

Accessories

Accessories

Bridge

Fixed bridge - FBRNI 2-5 N - 3000175



Fixed bridge, Number of positions: 2, Color: silver

Fixed bridge - FBRNI 3-5 N - 3000162



Fixed bridge, Number of positions: 3, Color: silver

Fixed bridge - FBRNI 4-5 N - 3000159



Fixed bridge, Number of positions: 4, Color: silver

Fixed bridge - FBRNI 10-5 N - 2770639



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

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Accessories

Fixed bridge - FBRNI 20-5 N - 3000609



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

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

End block

End clamp - E/MBK - 1401637



End clamp, width: 6.2 mm, color: gray

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Accessories

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

End cover

End cover - D-MBK 2,5/E - 1414035



End cover, Length: 24.5 mm, Width: 1 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

Marker for terminal blocks - UC-TMN 5,2 CUS - 0826857



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Plug in, For terminal block width: 5.2 mm, Lettering field: 3.97 x 4.6 mm

Mounting rail

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Accessories

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



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

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

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



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

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



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

Partition plate

Partition plate - ATP-MBK - 1413227



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

Screwdriver tools

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Accessories

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 pin Zack strip - BN-ZB 5,2/WH:UNBEDRUCKT - 1401815



Marker pin Zack strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Plug in, For terminal block width: 5.2 mm, Lettering field: 4 x 4 mm

Marker for terminal blocks - UC-TMN 5,2 - 0822945



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Plug in, For terminal block width: 5.2 mm, Lettering field: 3.97 x 4.6 mm

Test plug terminal block

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test socket

Female test connector - PSBJ 3/13/4 - 0201304



Female test connector, Color: silver

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Accessories

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



Female test connector, Color: silver

Drawings

Circuit diagram



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