

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 mm² - 2.5 mm², AWG: 24 - 14, Width: 5.2 mm, Color: blue, Mounting type: NS 15

Product Features

- ✓ 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

package_quantity	50
GTIN	4017918021276

Technical data

General

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

General

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
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

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

Technical data

Dimensions

Width	5.2 mm
Length	24.5 mm
Height NS 15	26.5 mm

Connection data

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
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

classifications

eCl@ss

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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

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

Approval details

IECEX	
Nominal voltage UN	176 V
Nominal current IN	22 A
mm²/AWG/kcmil	0.2-2.5

ATEX 	
Nominal voltage UN	176 V
Nominal current IN	22 A
mm²/AWG/kcmil	0.2-2.5

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approvals

CSA 	
Nominal voltage UN	300 V
Nominal current IN	20 A
mm²/AWG/kcmil	28-12

UL Recognized 	
Nominal voltage UN	300 V
Nominal current IN	20 A
mm²/AWG/kcmil	30-12

cUL Recognized 	
Nominal voltage UN	300 V
Nominal current IN	20 A
mm²/AWG/kcmil	30-12

GOST 	
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BV

RS

PRS



cULus Recognized  US

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approvals

accessories

End cover

D-MBK 2,5/E BU - 1414022



Partition plate

ATP-MBK - 1413227



Screwdriver tools

SZS 0,6X3,5 - 1205053



Labeled terminal marker

BN-ZB 5,2/WH CUS - 0824271



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accessories

UC-TMN 5,2 CUS - 0826857



Terminal marking

BN-ZB 5,2/WH:UNBEDRUCKT - 1401815



UC-TMN 5,2 - 0822945



Bridge

FBRNI 20-5 N - 3000609



FBRNI 10-5 N - 2770639



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accessories

EB 3- 5 - 1401145



EB 10- 5 - 1401132



EB 2- 5 - 1401158



Mounting rail

NS 15 UNPERF 2000MM - 1401695



NS 15 PERF 2000MM - 1401682



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

accessories

NS 15 AL PERF 2000MM - 1401763



NS 15 WH PERF 2000MM - 1204096



End block

E/MBK - 1401637



E/MK - 1421633



E/MK 1 - 1421659



Test socket

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accessories

PSB 3/10/4 - 0601292



Drawings

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