Feed-through terminal block - MBK 2,5/E - 1414006

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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: gray, 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	4017918021269

Technical data

General

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

General

Maximum load current	24 A (with 2.5 mm² 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

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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 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
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 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm²
Cross section with insertion bridge, solid max.	2.5 mm²
Cross section with insertion bridge, stranded max.	2.5 mm²
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 / LR / 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

LR

BV

RS

PRS

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approvals

cULus Recognized

accessories

End cover

D-MBK 2,5/E - 1414035

Test plug terminal block

RPS - 0201647

Partition plate

ATP-MBK - 1413227

Screwdriver tools

SZS 0,6X3,5 - 1205053

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accessories

Labeled terminal marker

BN-ZB 5,2/WH CUS - 0824271

UC-TMN 5,2 CUS - 0826857

Terminal marking

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

UC-TMN 5,2 - 0822945

Bridge

FBRNI 2-5 N - 3000175

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accessories

FBRNI 3-5 N - 3000162

FBRNI 4-5 N - 3000159

FBRNI 10-5 N - 2770639

FBRNI 20-5 N - 3000609

EB 2- 5 - 1401158

EB 3- 5 - 1401145

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accessories

EB 10- 5 - 1401132

Mounting rail

NS 15 UNPERF 2000MM - 1401695

NS 15 PERF 2000MM - 1401682

NS 15 AL PERF 2000MM - 1401763

NS 15 WH PERF 2000MM - 1204096

End block

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accessories

E/MBK - 1401637

E/MK - 1421633

E/MK 1 - 1421659

Test socket

PSBJ 3/13/4 - 0201304

PSB 3/10/4 - 0601292

Drawings

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Circuit diagram