

Feed-through terminal block - MBKKB 2,5 BU - 1414077

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Feed-through terminal block, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Connection type: Screw connection, Width: 5.2 mm, Color: blue, Mounting type: NS 15

MBKKB 2,5 BU

Product Features

- ✓ Fixed bridges and test sockets can be used on both levels
- ✓ 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	4017918021320

Technical data

General

Number of levels	2
Number of connections	4
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V2

General

Rated surge voltage	6 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	500 V
Open side panel	ja

Dimensions

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Technical data

Dimensions

Width	5.2 mm
Length	62 mm
Height NS 35/7,5	48 mm
Height NS 35/15	55.5 mm
Height NS 32	55.5 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
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.	1.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded 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.	1.5 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 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	0.5 Nm
Tightening torque max	0.6 Nm

classifications

eCl@ss

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classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
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 / GL / DNV / RS / GOST / LR / cULus Recognized /

Approval details

IECEX	
Nominal voltage UN	275 V
Nominal current IN	21 A
mm²/AWG/kcmil	0.2-2.5

ATEX 	
Nominal voltage UN	275 V
Nominal current IN	21 A
mm²/AWG/kcmil	0.2-2.5

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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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LR	
Nominal voltage UN	800 V
Nominal current IN	57 A
mm²/AWG/kcmil	10

GL

DNV

RS

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approvals



Nominal voltage UN	500 V
Nominal current IN	24 A
mm²/AWG/kcmil	2.5



accessories

Partition plate

DP-MBKKB 2,5 - 1413065



TS-KK 3 SO - 2778534



End cover

D-MBKKB 2,5 BU - 1413081



Bridge

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accessories

FB-150 METER - 0201595



FBRNI 20-5 N - 3000609



FBRNI 2-5 N - 3000175



FBRNI 3-5 N - 3000162



FBRNI 4-5 N - 3000159



FBRNI 10-5 N - 2770639



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accessories

EB 10- 5 - 1401132



EB 2- 5 - 1401158



EB 3- 5 - 1401145



SBRN 2-7 - 1413230



Test plug terminal block

RPS - 0201647



Terminal marking

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accessories

SBS 5:UNBEDRUCKT - 1007219



ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



Screwdriver tools

SZS 0,6X3,5 - 1205053



Mounting rail

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accessories

NS 15 UNPERF 2000MM - 1401695



NS 15 PERF 2000MM - 1401682



NS 15 AL PERF 2000MM - 1401763



NS 15 WH PERF 2000MM - 1204096



NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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accessories

NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



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accessories

NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



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accessories

NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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accessories

NS 35/15-2,3 UNPERF 2000MM - 1201798



Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



End block

CLIPFIX 35 - 3022218



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accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/MBK - 1401637



E/MK - 1421633



E/MK 1 - 1421659



E/UK - 1201442



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accessories

E/UK 1 - 1201413



Test socket

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



Drawings

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