

Mini feed-through terminal block - MBKKB 2,5 BU - 1414077

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Mini 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, NS 35/7,5, NS 35/15

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

Packing unit	1 pc
GTIN	 4 017918 021320
Weight per Piece (excluding packing)	11.51 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	2
Number of connections	4
Nominal cross section	2.5 mm ²
Color	blue
Insulating material	PA

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Technical data

General

Flammability rating according to UL 94	V2
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	24 A
Maximum load current	24 A (with 4 mm ² conductor cross section)
Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

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

Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Cross section with insertion bridge, solid max.	2.5 mm ²
Cross section with insertion bridge, stranded 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.	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

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Connection data

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
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V2

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
eCl@ss 9.0	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

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Classifications

UNSPSC

UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals


CSA / UL Recognized / cUL Recognized / LR / GL / DNV / RS / LR / EAC / EAC / cULus Recognized


Ex Approvals

IECEX / ATEX / EAC Ex

Approvals submitted


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

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Approvals

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

LR	
mm ² /AWG/kcmil	2.5
Nominal current I _N	24 A
Nominal voltage U _N	500 V

GL

DNV

RS

LR

EAC

EAC

cULus Recognized 
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