

Mini feed-through terminal block - MSDB 2,5-RZ BU - 3244342

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Mini feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 10.4 mm, Height: 22 mm, Color: blue, Mounting type: On mounting plate

The figure shows a version of the article

Product Features

- ✓ Can be freely combined with MS(D)B 2,5-M middle terminal blocks
- ✓ 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	4046356145541

Technical data

General

Number of levels	1
Number of connections	4
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

General

Rated surge voltage	8 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	800 V
Open side panel	JA

Dimensions

Width	10.4 mm
Length	32 mm

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Technical data

Dimensions

Height	22 mm
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Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 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.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Connection method	Spring-cage connection
Stripping length	8 mm
Internal cylindrical gage	A3

classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
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	EC000902
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

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classifications

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

ATEX / IECEx / UL Recognized / cUL Recognized / CSA / VDE Zeichengenehmigung / IECEE CB Scheme / cULus Recognized /

Approval details

ATEX 	
Nominal voltage UN	550 V
Nominal current IN	22 A
mm²/AWG/kcmil	0.08-2.5

IECEx	
Nominal voltage UN	550 V
Nominal current IN	22 A
mm²/AWG/kcmil	0.08-2.5

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	28-12	28-12

cUL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	28-12	28-12

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approvals

CSA 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	28-12	28-12

VDE Zeichengenehmigung 	
Nominal voltage UN	800 V
Nominal current IN	24 A
mm²/AWG/kcmil	0.2-2.5

IECEE CB Scheme 	
Nominal voltage UN	800 V
Nominal current IN	24 A
mm²/AWG/kcmil	2.5

cULus Recognized 	
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accessories

End cover

D-MZB 1,5 - 3024177



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accessories

D-MZB 1,5 BU - 3024423



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Bridge

ESB 2-MZDB - 3029703



Terminal marking

ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



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accessories

UCT-TMF 5 - 0828744



Labeled terminal marker

ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



Drawings

Circuit diagram

