

Mini feed-through terminal block - MSDBV 2,5-NS 35 BU - 3249224

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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: NS 35/7,5, NS 35/15

The figure shows a version of the article

Why buy this product

- For mounting on NS 35 ... DIN rail
- 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	50 STK
GTIN	 4 046356 166416
Weight per Piece (excluding packing)	4.47 g
Weight per piece (including packing)	8.471 g
Country of origin	China
Note	Made to Order (non-returnable)

Technical data

General

Number of levels	1
Number of connections	4
Potentials	2
Nominal cross section	2.5 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

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Technical data

General

Maximum load current	30 A (with 4 mm ² conductor cross section)
Nominal current I _N	24 A
Nominal voltage U _N	800 V
Open side panel	Yes

Dimensions

Width	10.4 mm
End cover width	4 mm
Length	42.7 mm
Height	22 mm
Height NS 35/7,5	32 mm
Height NS 35/15	39.5 mm

Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	2.5 mm ²
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 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.	0.14 mm ²
Conductor cross section flexible, 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 in acc. with standard	IEC/EN 60079-7
Stripping length	8 mm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141120
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Classifications

eCl@ss

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
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
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

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / CSA / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 			
	B	C	D
mm²/AWG/kcmil	28-12	28-12	28-12

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Approvals

	B	C	D
Nominal current I _N	20 A	20 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

cUL Recognized 

	B	C	D
mm ² /AWG/kcmil	28-12	28-12	28-12
Nominal current I _N	20 A	20 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

VDE Zeichengenehmigung 

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	24 A
Nominal voltage U _N	800 V

CSA 

	B	C	D
mm ² /AWG/kcmil	28-12	28-12	28-12
Nominal current I _N	20 A	20 A	20 A
Nominal voltage U _N	600 V	600 V	600 V

IECEE CB Scheme 

mm ² /AWG/kcmil	0.2-2.5
Nominal voltage U _N	800 V

EAC

cULus Recognized 

Drawings

Mini feed-through terminal block - MSDBV 2,5-NS 35 BU - 3249224

Circuit diagram



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