

Feed-through terminal block - ST 2,5 BU - 3031225

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

- ✓ As well as saving space, the compact design and front connection enable user-friendly wiring in a small amount of space
- ✓ Tested for railway applications
- ✓ The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- ✓ The large wiring space enables the use of conductors with ferrules and plastic collars within the nominal cross section



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 186739
Weight per Piece (excluding packing)	5.6 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
	Process industry
Maximum load current	31 A (with 4 mm ² conductor cross section)

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Technical data

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
Maximum load current (lower level)	31 A
Additional text	with 4 mm ² conductor cross section
Nominal current I _N (lower level)	24 A (For 2.5 mm ²)
Additional text	For 2.5 mm ²
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	48.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Spring-cage connection
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
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

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Classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
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

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / GOST / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / CSA / cULus Recognized

Ex Approvals


IECEX / ATEX

Approvals submitted


Approval details

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Approvals

UL Recognized 

	B	C
mm ² /AWG/kcmil	28-12	28-12
Nominal current IN	20 A	20 A
Nominal voltage UN	600 V	600 V

cUL Recognized 

	B	C
mm ² /AWG/kcmil	28-12	28-12
Nominal current IN	20 A	20 A
Nominal voltage UN	600 V	600 V

GOST 

LR

GL

mm ² /AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	800 V

BV

DNV

ABS

mm ² /AWG/kcmil	26-12
Nominal current IN	20 A
Nominal voltage UN	600 V

KR

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Approvals

NK

GOST

VDE Gutachten mit Fertigungsüberwachung

mm ² /AWG/kcmil	0.2-2.5
Nominal current IN	24 A
Nominal voltage UN	800 V

IECEE CB Scheme

mm ² /AWG/kcmil	2.5
Nominal voltage UN	800 V

VDE Gutachten mit Fertigungsüberwachung

mm ² /AWG/kcmil	0.2-2.5
Nominal current IN	24 A
Nominal voltage UN	800 V

CSA

	B	C
mm ² /AWG/kcmil	28-12	28-12
Nominal current IN	20 A	20 A
Nominal voltage UN	600 V	600 V

cULus Recognized

Drawings

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Circuit diagram



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