

Feed-through terminal block - ST 2,5-QUATTRO BU - 3031319

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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

- ✓ Cross connection to any number of terminal blocks with the consistent FBS ... plug-in bridge system
- ✓ Tested for railway applications
- ✓ Compact potential distributors, the double connection enables four conductors to be connected on one potential



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 186791
Weight per Piece (excluding packing)	9.39 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	4
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
	Process industry

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Technical data

General

Maximum load current	28 A (In case of a 4 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
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)	28 A
Additional text	with 4 mm ² conductor cross section
Nominal current I _N (lower level)	24 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Additional text	the maximum load current must not be exceeded by the total current of all connected conductors
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	72 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

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Technical data

Connection data

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	27141125
eCl@ss 5.1	27141125
eCl@ss 6.0	27141125
eCl@ss 7.0	27141125
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

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Approvals

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

Ex Approvals

IECEX / ATEX

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Approvals submitted

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Approval details

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Approvals

UL Recognized 		
	B	C
mm²/AWG/kcmil	28-12	28-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	600 V	600 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	28-12	28-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	600 V	600 V

GOST 	
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LR

GL	
mm²/AWG/kcmil	2.5
Nominal current I _N	24 A
Nominal voltage U _N	800 V

BV

DNV

ABS	
mm²/AWG/kcmil	26-12
Nominal current I _N	20 A
Nominal voltage U _N	600 V

KR

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Approvals

NK

GOST 

VDE Gutachten mit Fertigungsüberwachung 

mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	24 A
Nominal voltage U _N	800 V

IECEE CB Scheme 

mm²/AWG/kcmil	2.5
Nominal voltage U _N	800 V

VDE Gutachten mit Fertigungsüberwachung 

mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	24 A
Nominal voltage U _N	800 V

CSA 

	B	C
mm²/AWG/kcmil	28-12	28-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	600 V	600 V

cULus Recognized 

Drawings

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Circuit diagram

