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Feed-through terminal block - ST 1,5-TWIN BU - 3031131

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The illustration shows version ST 1,5-TWIN in gray

Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 1.5 mm², AWG: 28 - 16, Width: 4.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

- The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- User-friendly implementation of all potential branching tasks
- Tested for railway applications
- Space-saving and practical multi-conductor connection without additional bridges

Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 186654

Technical data

General

Number of levels	1
Number of connections	3
Nominal cross section	1.5 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
	Process industry
Rated surge voltage	6 kV

Feed-through terminal block - ST 1,5-TWIN BU - 3031131

Technical data

General

Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	17.5 A (In case of a 1.5 mm² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal current I_N	17.5 A (with 1.5 mm² conductor cross section)
Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

Width	4.2 mm
End cover width	2.2 mm
Length	60.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.08 mm²
Conductor cross section flexible max.	1.5 mm²
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	16
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.08 mm²
Conductor cross section flexible max.	1.5 mm²
Stripping length	10 mm

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Technical data

Connection data

Internal cylindrical gage	A1

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	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
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
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / BV / KR / NK / IECEE CB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

IECEx / ATEX / EAC Ex

Feed-through terminal block - ST 1,5-TWIN BU - 3031131

Approvals

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	26-14	26-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	300 V

UL Recognized

	B	C
mm²/AWG/kcmil	26-14	26-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	1.5
Nominal current IN	17.5 A
Nominal voltage UN	500 V

cUL Recognized

	B	C
mm²/AWG/kcmil	26-14	26-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	300 V

LR

BV

Feed-through terminal block - ST 1,5-TWIN BU - 3031131

Approvals

KR

NK

IECEE CB Scheme

mm²/AWG/kcmil	1.5
Nominal voltage UN	500 V

EAC

EAC

cULus Recognized

Drawings

Circuit diagram

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Product	Code	Reference	Product link
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