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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 28 - 16, Width: 4.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

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

#### **Product Features**

- 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	7.364 g
Custom tariff number	85369010
Country of origin	Germany

#### 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



## Technical data

#### General

Area of application	Railway industry	
	Machine building	
	Plant engineering	
	Process industry	
Rated surge voltage	6 kV	
Degree of pollution	3	
Overvoltage category	III	
Insulating material group	I	
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 <sub>N</sub>	17.5 A (with 1.5 mm² conductor cross section)	
Nominal voltage U <sub>N</sub>	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



## Technical data

#### Connection data

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
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



#### Classifications

**UNSPSC** 

UNSPSC 13.2	39121410

### Approvals

Approvals

Approvals

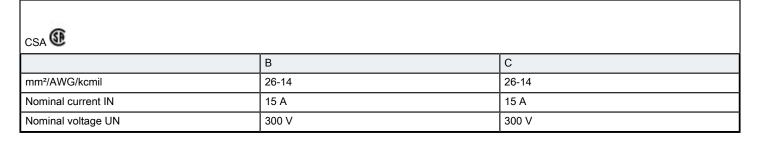
CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / BV / KR / NK / IECEE CB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

IECEx / ATEX / EAC Ex

Approvals submitted

#### Approval details



UL Recognized <b>51</b>		
	В	С
mm²/AWG/kcmil	26-14	26-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	300 V



## Approvals

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VDE Gutachten mit Fertigungsüberv	vacnung 2005				
mm²/AWG/kcmil		1.5			
Nominal current IN			17.5 A		
Nominal voltage UN			500 V		
Tomas Tomago OTT					
cUL Recognized <b>5</b>					
	В		С		
mm²/AWG/kcmil	26-14		26-14		
Nominal current IN	15 A		15 A		
Nominal voltage UN	300 V		300 V		
LR					
BV					
KR					
NK					
IECEE CB Scheme CB					
TEGEL OF CONCINE MANY					
mm²/AWG/kcmil		1.5			
Nominal voltage UN		500 V			
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EAC					



Approvals

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Drawings

Circuit diagram

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