

## Double-level spring-cage terminal block - STTB 4 BU - 3031432

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Double-level spring-cage terminal block, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Connection type: Spring-cage connection, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- ✓ Compact design for maximum space savings
- ✓ Tested for railway applications
- ✓ Connect the levels using FBS ...-PV bridges



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	16.43 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Number of levels	2
Number of connections	4
Nominal cross section	4 mm <sup>2</sup>
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
	Process industry

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### Technical data

#### General

Rated surge voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	30 A
Maximum load current	32 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	500 V
Open side panel	ja

#### Dimensions

Width	6.2 mm
Length	83.5 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

#### Connection data

Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Minimum stripping length	8 mm
Maximum stripping length	10 mm

#### Standards and Regulations

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

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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

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##### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / GL / BV / DNV / ABS / KR / NK / IECEx CB Scheme / EAC / EAC / RS / cULus Recognized

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##### Ex Approvals

IECEX / ATEX / EAC Ex

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##### Approvals submitted


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##### Approval details


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## Approvals

CSA 		
	B	C
mm <sup>2</sup> /AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	300 V	300 V

UL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	28-10	28-10	28-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.2-4.0
Nominal current IN	32 A
Nominal voltage UN	500 V

cUL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	28-10	28-10	28-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

LR
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GL	
mm <sup>2</sup> /AWG/kcmil	4
Nominal current IN	32 A

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### Approvals

Nominal voltage UN	500 V
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BV

DNV

ABS	
mm <sup>2</sup> /AWG/kcmil	20-10
Nominal current IN	30 A
Nominal voltage UN	600 V

KR


NK

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	4
Nominal voltage UN	500 V

EAC

EAC

RS

cULus Recognized 	
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### Drawings

## Double-level spring-cage terminal block - STTB 4 BU - 3031432

Circuit diagram

