

## Feed-through terminal block - ST 10-TWIN BU - 3035292

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG: 24 - 6, Width: 10.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- The ST ...-TWIN three-conductor spring cage terminal blocks are a space-saving alternative to standard feed-through terminal blocks where potential distribution with conductor cross sections of 10 and 16 mm<sup>2</sup> is required
- Tested for railway applications
- The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- Terminal blocks with a nominal cross section of 2.5 or 4 mm<sup>2</sup> can be combined without additional wiring effort using the RB ST...(2,5/4) reducing bridge
- Ideal as potential distributors in ring feeder systems



### Key commercial data

Packing unit	1 pc
Minimum order quantity	25 pc
Weight per Piece (excluding packing)	39.05 GRM
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	3
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering

## Feed-through terminal block - ST 10-TWIN BU - 3035292

### Technical data

#### General

	Plant engineering
Maximum load current	65 A (with 16 mm <sup>2</sup> conductor cross section)
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
Belastungsstrom maximal (untere Etage)	70 A
Additional text	In case of a 16 mm <sup>2</sup> conductor connection, the maximum load current must not be exceeded by the total current of all connected conductors.
Nennstrom I <sub>N</sub> (untere Etage)	57 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	ja

#### Dimensions

Width	10.2 mm
Length	97 mm
Height NS 35/7,5	50.3 mm
Height NS 35/15	57.8 mm

#### Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Spring-cage connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	6
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>

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## Technical data

### Connection data

Stripping length	18 mm
Internal cylindrical gage	A6

## 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

UL Recognized / VDE Zeichengenehmigung / IECCEB Scheme / GOST

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#### Ex Approvals

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# Feed-through terminal block - ST 10-TWIN BU - 3035292

## Approvals

Approvals submitted

### Approval details

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	16-6	16-6
Nominal current I <sub>N</sub>	55 A	55 A
Nominal voltage U <sub>N</sub>	600 V	600 V

VDE Zeichengenehmigung	
mm <sup>2</sup> /AWG/kcmil	1.5-10
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	800 V

IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	1.5-10
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	800 V

GOST	
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## Drawings

Circuit diagram



