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Especialistas en Automatización

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## 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

### Why buy this product

- 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
- The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- Tested for railway applications
- Ideal as potential distributors in ring feeder systems
- 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

### Key Commercial Data

Packing unit	25 STK
GTIN	 4 046356 100878

### Technical data

#### General

Number of levels	1
Number of connections	3
Nominal cross section	10 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
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	57 A

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

## Technical data

### General

Nominal current $I_N$	57 A (with 16 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	1000 V
Open side panel	Yes

### Dimensions

Width	10.2 mm
End cover width	2.2 mm
Length	95.4 mm
Height NS 35/7,5	50.3 mm
Height NS 35/15	57.8 mm

### Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
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 min.	24
Conductor cross section AWG max.	6
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	10 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, 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>
Stripping length	18 mm
Internal cylindrical gage	A6

### Standards and Regulations

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

### Classifications

#### eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121

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## Classifications

### eCl@ss

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

UL Recognized / VDE Zeichengenehmigung / IECCEB Scheme / EAC / CSA / EAC / BV

#### Ex 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

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

## Approvals

	B	C
Nominal voltage UN	600 V	600 V

VDE Zeichengenehmigung

mm <sup>2</sup> /AWG/kcmil	1.5-10
Nominal current IN	57 A
Nominal voltage UN	800 V

IECEE CB Scheme

mm <sup>2</sup> /AWG/kcmil	1.5-10
Nominal current IN	57 A
Nominal voltage UN	800 V

EAC

CSA

	B	C
mm <sup>2</sup> /AWG/kcmil	16-6	16-6
Nominal current IN	55 A	55 A
Nominal voltage UN	600 V	600 V

EAC

BV

## Drawings

Circuit diagram



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PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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