

# Feed-through terminal block - ST 10 BU - 3036123

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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

The illustration shows version ST 10 in gray

## Product Features

- 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
- The double bridge shaft not only enables individual chain bridging, but also reducing bridging to spring-cage terminal blocks with smaller cross sections



## Key commercial data

package_quantity	50
GTIN	4017918819071

## Technical data

### General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering
Area of application	Process industry

### General

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

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## Technical data

### General

Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	57 A
Nominal voltage $U_N$	1000 V
Open side panel	ja

### Dimensions

Width	10.2 mm
Length	71.5 mm
Height NS 35/7,5	50.3 mm
Height NS 35/15	58 mm

### Connection data

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>
Connection method	Spring-cage connection
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

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## classifications

eCl@ss

eCl@ss 8.0	27141120
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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

IECEX / ATEX / CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / GL / BV / DNV / KR / NK /  
IECEE CB Scheme / GOST / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / GOST / cULus Recognized /

## Approval details


<b>IECEX</b>	
Nominal voltage UN	550 V
Nominal current IN	50 A
mm <sup>2</sup> /AWG/kcmil	1.5-10

<b>ATEX</b>	
Nominal voltage UN	550 V
Nominal current IN	63 A
mm <sup>2</sup> /AWG/kcmil	1.5-16


<b>CSA</b>		
<b>Usegroups</b>	<b>B</b>	<b>C</b>
Nominal voltage UN	600 V	600 V
Nominal current IN	65 A	65 A
mm <sup>2</sup> /AWG/kcmil	16-6	16-6

# Feed-through terminal block - ST 10 BU - 3036123


approvals

**UL Recognized** 

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	65 A	65 A
mm <sup>2</sup> /AWG/kcmil	16-6	16-6

**VDE Gutachten mit Fertigungsüberwachung** 

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

**cUL Recognized** 

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	65 A	65 A
mm <sup>2</sup> /AWG/kcmil	16-6	16-6

**LR**

**GL**

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

**BV**

**DNV**

**KR**

**NK**

# Feed-through terminal block - ST 10 BU - 3036123

## approvals

<b>IECEE CB Scheme</b>	
Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	1.5-10

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

<b>CB</b>	
Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	10

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<b>cULus Recognized</b>	
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## accessories

### End cover

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accessories

D-ST 10 - 3036644



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## Screwdriver tools

SZF 3-1,0X5,5 - 1206612



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## Labeled terminal marker

WST 10/35 - 3030006



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## Documentation

ST-IL - 3039900



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## Bridge

FBS 2-10 - 3005947



# Feed-through terminal block - ST 10 BU - 3036123

accessories

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RB ST 10-(2,5/4) - 3030873



## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



## Feed-through terminal block - ST 10 BU - 3036123

### accessories

NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



### Drawings



## Feed-through terminal block - ST 10 BU - 3036123

Circuit diagram



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