

## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

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

The illustration shows the product version STS 4-TWIN/L

### Product Features

- Same shape and pitch as the feed-through terminal blocks
- Cross connection to adjacent feed-through terminal blocks with the consistent FBS ... plug-in bridge system



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	11.69 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Number of levels	1
Number of connections	3
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	38 A (with 6 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1

## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Technical data

#### General

Nominal current $I_N$	32 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage $U_N$	800 V
Open side panel	ja

#### Dimensions

Width	6.2 mm
Length	64.6 mm
Height NS 35/7,5	43 mm
Height NS 35/15	50.5 mm

#### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max.	10
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, 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>
Connection method	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A4

### Classifications

#### eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120

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## Classifications

### eCl@ss

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


#### Approvals

VDE Gutachten mit Fertigungsüberwachung / GOST / DNV / KR / IECEE CB Scheme / UL Recognized / GOST / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme

#### Ex Approvals

#### Approvals submitted

### Approval details

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-4

## Feed-through terminal block - STS 4-TWIN/L BU - 3036589


### Approvals


Nominal current IN	32 A
Nominal voltage UN	800 V

GOST 
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DNV
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KR
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IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	4
Nominal voltage UN	800 V


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

GOST 
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VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.2-4
Nominal current IN	32 A
Nominal voltage UN	800 V

## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Approvals

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	4
Nominal voltage UN	800 V

### Accessories

#### Accessories

#### Bridge

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Number of positions: 3, Color: red

Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Number of positions: 4, Color: red

Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Number of positions: 5, Color: red

## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Accessories

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, Number of positions: 10, Color: red

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Plug-in bridge - FBS 20-6 - 3030365



Plug-in bridge, Number of positions: 20, Color: red

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### Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



### End cover

End cover - D-ST-4-TWIN/L - 3036770



End cover, Length: 64.5 mm, Width: 2.2 mm, Height: 43 mm, Color: gray

## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Accessories

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Spacer plate - DP PS-6 - 3036738



Spacer plate, Color: red

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### Insulating sleeve

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, Color: gray

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Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, Color: black

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### Labeled terminal marker

Warning cover - WST 4 - 3030954



Warning cover, Strip, yellow, labeled, Mounting type: Plug in, Lettering field: 4.5 x 5.55 mm

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### Mounting rail

## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Accessories

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Accessories

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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### Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Accessories

Test plug terminal block

Test adapter - PAI-4-FIX-5/6 BU - 3035975



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Blue

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Test adapter - PAI-4-FIX-5/6 OG - 3035974



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Orange

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Test adapter - PAI-4-FIX-5/6 YE - 3035977



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Yellow

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Test adapter - PAI-4-FIX-5/6 RD - 3035976



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Red

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Test adapter - PAI-4-FIX-5/6 GN - 3035978



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Green

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## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Accessories

Test adapter - PAI-4-FIX-5/6 BK - 3035980



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Black

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Test adapter - PAI-4-FIX-5/6 GY - 3035982



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Gray

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Test adapter - PAI-4-FIX-5/6 VT - 3035979



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Violet

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Test adapter - PAI-4-FIX-5/6 BN - 3035981



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Brown

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Test adapter - PS-6 - 3030996



Test adapter, Color: red

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## Feed-through terminal block - STS 4-TWIN/L BU - 3036589

### Accessories

Test plugs - PS-6/2,3MM RD - 3038736



Test plugs, Color: red

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### Drawings

Circuit diagram

