

## Feed-through terminal block - STS 4-TWIN OG - 3037533

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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: orange, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the gray color version

### 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      |
| Custom tariff number | 85369010 |
| Country of origin    | Germany  |

### Technical data

#### General

|   |   |
|---|---|
| Number of levels                        | 1   |
| Number of connections                   | 3   |
| Color                                   | orange  |
| 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   |
| Nominal current I <sub>N</sub>          | 32 A (the maximum load current must not be exceeded by the total current of all connected conductors) |

## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Technical data

#### General

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 800 V |
| Open side panel       | ja    |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 64.5 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>      |
| 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 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

# Feed-through terminal block - STS 4-TWIN OG - 3037533

## Classifications

### 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 / SEV / cUL Recognized / GOST / DNV / KR / CCA / GOST / cULus Recognized

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#### Ex Approvals


ATEX / IECEx

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#### Approvals submitted

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## Approval details

|   |                                |       |       |
|---|--------------------------------|-------|-------|
| CSA  |                                |       |       |
|   | B                              | C     |       |
|   | mm <sup>2</sup> /AWG/kcmil     | 28-10 | 28-10 |
|   | Nominal current I <sub>N</sub> | 30 A  | 30 A  |
|   | Nominal voltage U <sub>N</sub> | 600 V | 600 V |

# Feed-through terminal block - STS 4-TWIN OG - 3037533

## Approvals

|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 28-10 | 28-10 |
| Nominal current I <sub>N</sub> | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

|                                |       |
|--------------------------------|-------|
| SEV                            |       |
| mm <sup>2</sup> /AWG/kcmil     | 0.2-4 |
| Nominal voltage U <sub>N</sub> | 800 V |

|                                |       |       |
|--------------------------------|-------|-------|
| cUL Recognized                 |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 28-10 | 28-10 |
| Nominal current I <sub>N</sub> | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

|      |
|------|
| GOST |
|------|

|     |
|-----|
| DNV |
|-----|

|    |
|----|
| KR |
|----|

|                            |     |
|----------------------------|-----|
| CCA                        |     |
| mm <sup>2</sup> /AWG/kcmil | 1.5 |

|      |
|------|
| GOST |
|------|

## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Approvals



### 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

Plug-in bridge - FBS 2-6 - 3030336



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

## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Accessories

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-ST5 4 - 3031704



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

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Spacer plate - DP PS-6 - 3036738



Spacer plate, Color: red

## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Accessories

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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

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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## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Accessories

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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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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## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Accessories

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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### 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

## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Accessories

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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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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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## Feed-through terminal block - STS 4-TWIN OG - 3037533

### Accessories

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



Test plugs, Color: red

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### Drawings

## Feed-through terminal block - STS 4-TWIN OG - 3037533

Circuit diagram

