

## STS 4-TWIN BU

Order No.: 3036291

The illustration shows the gray color version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036291>

Feed-through modular terminal block, Type of connection: 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



### Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 811372 |
| sales group              | A630                                                                                                   |
| Pack                     | 50 pcs.                                                                                                |
| Customs tariff           | 85369010                                                                                               |
| Catalog page information | Page 141 (CL-2009)                                                                                     |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
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### Technical data

#### General

|                       |      |
|-----------------------|------|
| Number of levels      | 1    |
| Number of connections | 3    |
| Color                 | blue |

|                                    |    |
|------------------------------------|----|
| Insulating material                | PA |
| Inflammability class acc. to UL 94 | V0 |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 64.5 mm |
| Height NS 35/7.5 | 43 mm   |
| Height NS 35/15  | 50.5 mm |

#### Technical data

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| Maximum load current             | 38 A (with 6 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                                                                                         |
| Nominal current I <sub>N</sub>   | 32 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage U <sub>N</sub>   | 800 V                                                                                                 |
| Open side panel                  | ja                                                                                                    |

#### 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 stranded min.                                                   | 0.08 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 28                   |
| Conductor cross section AWG/kcmil max                                                   | 10                   |
| 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>      |
| Type of connection                                                                      | Spring-cage connection |
| Stripping length                                                                        | 10 mm                  |
| Internal cylindrical gage                                                               | A4                     |

#### Certificates / Approvals



Certification CCA, CSA, CUL, DNV, GOST, KR, SEV, UL

Certification Ex: IECEx, PTB

#### Accessories

| Item                | Designation | Description                                                           |
|---------------------|-------------|-----------------------------------------------------------------------|
| <b>Assembly</b>     |             |                                                                       |
| 3031704             | D-ST5 4     | End cover, Length: 64.5 mm, Width: 2.2 mm, Height: 43 mm, Color: gray |
| <b>Bridges</b>      |             |                                                                       |
| 3030336             | FBS 2-6     | Plug-in bridge, Number of positions: 2, Color: red                    |
| 3030242             | FBS 3-6     | Plug-in bridge, Number of positions: 3, Color: red                    |
| 3030255             | FBS 4-6     | Plug-in bridge, Number of positions: 4, Color: red                    |
| 3030349             | FBS 5-6     | Plug-in bridge, Number of positions: 5, Color: red                    |
| 3030271             | FBS 10-6    | Plug-in bridge, Number of positions: 10, Color: red                   |
| 3030365             | FBS 20-6    | Plug-in bridge, Number of positions: 20, Color: red                   |
| <b>Marking</b>      |             |                                                                       |
| 3030954             | WST 4       | Warning cover, 5-pos., for terminal width: 6.2 mm                     |
| <b>Plug/Adapter</b> |             |                                                                       |
| 3002885             | ISH 4/0,5   | Insulating sleeve, Color: gray                                        |
| 3002898             | ISH 4/1,0   | Insulating sleeve, Color: black                                       |
| 3030925             | PAI-4       | Test adapter, Color: gray                                             |
| 3030996             | PS-6        | Test adapter, Color: red                                              |

#### Tools

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

#### Diagrams/Drawings

Circuit diagram



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