

# ST 2,5-QUATTRO-U


Order No.: 3031636



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031636>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 28 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

## Commercial data

|                          |   |
|--------------------------|---|
| GTIN (EAN)               |  |
| sales group              | A631  |
| Pack                     | 50 pcs.   |
| Customs tariff           | 85369010  |
| Catalog page information | Page 93 (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 | 4    |
| Color                 | gray |

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

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 72 mm   |
| Height NS 35/7.5 | 36.5 mm |
| Height NS 35/15  | 44 mm   |

#### Technical data

|                                  |  |
|----------------------------------|--|
| Maximum load current             | 28 A (with 4 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>   | 22 A (for 2.5 mm <sup>2</sup> conductor cross section) |
| 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.  | 4 mm <sup>2</sup>      |
| Conductor cross section stranded min.   | 0.08 mm <sup>2</sup>   |
| Conductor cross section stranded max.   | 2.5 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 28                     |
| Conductor cross section AWG/kcmil max   | 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.              | 2.5 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.                 | 2.5 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>    |
| Type of connection  | Spring-cage connection |
| Stripping length  | 10 mm                  |

|                           |    |
|---------------------------|----|
| Internal cylindrical gage | A3 |
|---------------------------|----|

**Certificates / Approvals**



Certification CB, CSA, CUL, GOST, UL, VDE-PZI

**Accessories**

| Item                | Designation      | Description   |
|---------------------|------------------|---|
| <b>Assembly</b>     |                  |   |
| 3030815             | ATP-ST QUATTRO   | Partition plate, Length: 90.9 mm, Width: 2 mm, Height: 45 mm, Color: gray |
| 3030514             | D-ST 2,5-QUATTRO | End cover, Length: 72 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray     |
| 3036602             | DS-ST 2,5        | Cover segment, Length: 72 mm, Height: 36.5 mm, Color: gray                |
| <b>Bridges</b>      |                  |   |
| 3030161             | FBS 2-5          | Plug-in bridge, Number of positions: 2, Color: red                        |
| 3030174             | FBS 3-5          | Plug-in bridge, Number of positions: 3, Color: red                        |
| 3030187             | FBS 4-5          | Plug-in bridge, Number of positions: 4, Color: red                        |
| 3030190             | FBS 5-5          | Plug-in bridge, Number of positions: 5, Color: red                        |
| 3030213             | FBS 10-5         | Plug-in bridge, Number of positions: 10, Color: red                       |
| 3030226             | FBS 20-5         | Plug-in bridge, Number of positions: 20, Color: red                       |
| 3038930             | FBS 50-5         | Plug-in bridge, Number of positions: 50, Color: red                       |
| <b>Marking</b>      |                  |   |
| 3030941             | WST 2,5          | Warning cover, 5-pos., for terminal width: 5.2 mm                         |
| <b>Plug/Adapter</b> |                  |   |
| 3002843             | ISH 2,5/0,2      | Insulation stop sleeve, Color: white                                      |
| 3002856             | ISH 2,5/0,5      | Insulation stop sleeve, Color: gray                                       |
| 3002869             | ISH 2,5/1,0      | Insulation stop sleeve, Color: black                                      |
| 3030925             | PAI-4            | Test adapter, Color: gray   |
| 3030983             | PS-5             | 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



**Address**

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