

## STS 4-TWIN

Order No.: 3031665




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031665>

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: gray, Mounting type: NS 35/7.5, NS 35/15



### Commercial data

|                          |   |
|--------------------------|---|
| GTIN (EAN)               | <br>4 017918 193317 |
| 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



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### Technical data

#### General

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

|                                    |    |
|------------------------------------|----|
| 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 ABS, BV, CCA, CSA, CUL, DNV, GL, GOST, KR, LR, NK, 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   |
| 1051016         | ZB 6,LGS:FORTL.ZAHLEN   | Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white |
| 1051032         | ZB 6,LGS:GLEICHE ZAHLEN | Zack marker strip, printed horizontally: 10-section, with identical numbers 1/1/1, 2/2/2, and so on up to 100, color: white   |
| 1051414         | ZB 6,LGS:L1-N,PE        | Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white                   |

|         |                        |  |
|---------|------------------------|--|
| 1051430 | ZB 6,LGS:U-N           | Zack strip, printed horizontally: 10-section, U, V, W, N, GND, U, V, W, N, GND, color: white   |
| 1051029 | ZB 6,QR:FORTL.ZAHLEN   | Zack marker strip, 10-section, printed vertically: with consecutive numbers 1 - 10, 11 - 20, and so on up to 491 - 500, color: white   |
| 1051045 | ZB 6,QR:GLEICHE ZAHLEN | Zack marker, labeled vertically: 10-section, with identical numbers, 1/1/1, 2/2/2 etc. up to 1000/1000/1000, color: White  |
| 5061523 | ZB 6/BU-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: blue                      |
| 5061484 | ZB 6/GN-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: green                     |
| 1051210 | ZB 6/OG,LGS: 10-100    | Zack strip, printed horizontally: 10-section, with the numbers 10/20/30-100, color: orange   |
| 5061439 | ZB 6/RD-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: red                       |
| 0800200 | ZB 6/VT-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: violet                    |
| 5060935 | ZB 6/WH-100:UNBEDRUCKT | Zack strip, unprinted: For individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 6.2 mm, color: White |
| 5061507 | ZB 6/YE-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: yellow                    |
| 1050499 | ZB 6:SO/CMS            | Zack strip, 10-section, divisible, special printing, marking according to customer requirements  |
| 1051003 | ZB 6:UNBEDRUCKT        | Zack strip, unprinted, strips with 10 labels for individual labeling with M-PEN or CMS system, for terminal block width: 6.2 mm, color: white  |

**Plug/Adapter**

|         |           |                                 |
|---------|-----------|---------------------------------|
| 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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