


## STS 2,5

Order No.: 3036398

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036398>

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)               | <br>4 017918 876944 |
| sales group              | A600   |
| Pack                     | 50 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 136 (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 | 2    |
| Color                 | gray |

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

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 49 mm   |
| Height NS 35/7.5 | 43 mm   |
| Height NS 35/15  | 50.5 mm |

**Technical data**

|                                  |   |
|----------------------------------|---|
| Maximum load current             | 31 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>   | 24 A  |
| 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: ABS, BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI

Certification Ex: IECEX, PTB

**Accessories**

| Item            | Designation | Description   |
|-----------------|-------------|---|
| <b>Assembly</b> |             |   |
| 3031762         | D-ST5 2,5   | End cover, Length: 51 mm, Width: 2.2 mm, Height: 43 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> |                        |   |
| 1051993        | B-STIFT                | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm   |
| 3030941        | WST 2,5                | Warning cover, 5-pos., for terminal width: 5.2 mm   |
| 3030941        | WST 2,5                | Warning cover, 5-pos., for terminal width: 5.2 mm   |
| 0811228        | X-PEN 0,35             | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm   |
| 5061536        | ZB 5/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 |

|         |                        |  |
|---------|------------------------|--|
| 5061497 | ZB 5/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                                 |
| 5060906 | ZB 5/WH-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, for a terminal width of 5.2 mm, color: White |
| 1050295 | ZB 5:SO/CMS            | Zack strip, 10-section, divisible, special printing, marking according to customer requirements  |

**Plug/Adapter**

|         |             |                                      |
|---------|-------------|--------------------------------------|
| 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 |
| 0201728 | MPS-IH GY   | Insulating sleeve, Color: gray       |
| 0201676 | MPS-IH RD   | Insulating sleeve, Color: red        |
| 0201663 | MPS-IH WH   | Insulating sleeve, Color: white      |
| 0201744 | MPS-MT      | Test plugs                           |
| 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



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