


**STTB 1,5 BU**

Order No.: 3031160

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031160>

Feed-through modular terminal block, Cross section: 0.08 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 28 - 16, Connection type: Spring-cage connection, Width: 4.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15



| Commercial data          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 017918 186715 |
| sales group              | A632   |
| Pack                     | 50 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 96 (CL-2009)  |

## Product notes

WEEE/RoHS-compliant since:  
01/01/2005



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| Technical data        |      |
|-----------------------|------|
| <b>General</b>        |      |
| Number of levels      | 2    |
| Number of connections | 4    |
| Color                 | blue |

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

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 4.2 mm  |
| Length           | 67.5 mm |
| Height NS 35/7.5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |

**Technical data**

|                                  |               |
|----------------------------------|---------------|
| Rated surge voltage              | 6 kV          |
| Pollution degree                 | 3             |
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$            | 17.5 A        |
| Nominal voltage $U_N$            | 500 V         |

**Connection data**

|   |                        |
|---|------------------------|
| Conductor cross section solid min.  | 0.08 mm <sup>2</sup>   |
| Conductor cross section solid max.  | 1.5 mm <sup>2</sup>    |
| Conductor cross section stranded min.   | 0.08 mm <sup>2</sup>   |
| Conductor cross section stranded max.   | 1.5 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 28                     |
| Conductor cross section AWG/kcmil max   | 16                     |
| 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.              | 1.5 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.                 | 1.5 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   | A1                     |

**Certificates / Approvals**

Certification

BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI

Certification Ex:

IECEX, KEMA-EX

**Accessories**

| Item            | Designation                 | Description  |
|-----------------|-----------------------------|--|
| <b>Assembly</b> |                             |  |
| 3030747         | ATP-STTB 4                  | Partition plate, Length: 88.7 mm, Width: 2 mm, Height: 53 mm, Color: gray  |
| 3022218         | CLIPFIX 35                  | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |
| 3030459         | D-STTB 2,5                  | End cover, Length: 67.5 mm, Width: 2.2 mm, Height: 47.5 mm, Color: gray  |
| 1201442         | E/UK                        | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail   |
| 0801762         | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m  |
| 0801733         | NS 35/ 7,5 PERF 2000MM      | DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m   |
| 0801681         | NS 35/ 7,5 UNPERF 2000MM    | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m   |
| 1201756         | NS 35/15 AL UNPERF 2000MM   | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m  |
| 1201895         | NS 35/15 CU UNPERF 2000MM   | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m   |
| 1201730         | NS 35/15 PERF 2000MM        | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m  |
| 1201714         | NS 35/15 UNPERF 2000MM      | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m  |
| 1201798         | NS 35/15-2,3 UNPERF 2000MM  | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m  |
| <b>Bridges</b>  |                             |  |
| 3030116         | FBS 2-4                     | Plug-in bridge, Number of positions: 2, Color: red   |

|         |          |   |
|---------|----------|---|
| 3030129 | FBS 3-4  | Plug-in bridge, Number of positions: 3, Color: red  |
| 3030132 | FBS 4-4  | Plug-in bridge, Number of positions: 4, Color: red  |
| 3030145 | FBS 5-4  | Plug-in bridge, Number of positions: 5, Color: red  |
| 3030158 | FBS 10-4 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030352 | FBS 20-4 | Plug-in bridge, Number of positions: 20, Color: red |

**Marking**

|         |                      |   |
|---------|----------------------|---|
| 0810575 | STP 4-2              | Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 1.5, labeled with ZB 4 or ZBF 4  |
| 3030958 | WST 1,5              | Warning cover, 5-pos., for terminal width: 4.2 mm   |
| 0803579 | ZBFM 4/WH:UNBEDRUCKT | Zack marker sheet, flat, unprinted: 100-section, 10 strips à 10 markers, sufficient for 100 terminal blocks, for all terminal blocks, pitch 4.2 mm, labeling with M-PEN or CMS system, color: white |

**Plug/Adapter**

|         |             |                                      |
|---------|-------------|--------------------------------------|
| 3206131 | ISH 1,5/0,2 | Insulation stop sleeve, Color: white |
| 3031034 | ISH 1,5/0,5 | Insulation stop sleeve, Color: gray  |
| 3030925 | PAI-4       | Test adapter, Color: gray            |
| 3030970 | PS-4        | Test adapter, Color: red             |

**Tools**

|         |               |  |
|---------|---------------|--|
| 1204504 | SZF 0-0,4X2,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip |
|---------|---------------|--|

**Diagrams/Drawings**

Circuit diagram



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