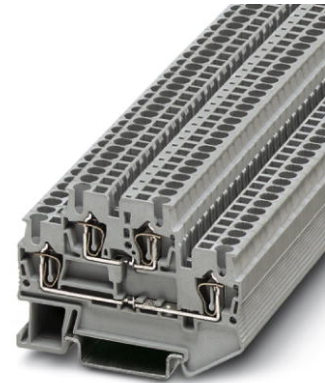


**STTB 2,5**

Order No.: 3031270

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031270>

Double-level terminal blocks with a spring-cage connection, cross section: 0.08 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, width: 5.2 mm, color: Gray



| Commercial data          |                   |
|--------------------------|-------------------|
| EAN                      | 4017918186814     |
| Pack                     | 50 Pcs.           |
| Customs tariff           | 85369010          |
| Weight/Piece             | 0.01065 KG        |
| Catalog page information | Page 79 (CL-2007) |

## Product notes

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



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

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

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

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 5.2 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 $I_N$            | 26 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.  | 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.              | 0.25 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.                 | 0.25 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**

## Approval logo

**CUL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 20 A  |
| AWG/kcmil             | 28-12 |

**UL**

|                       |  |
|-----------------------|--|
| Nominal voltage $U_N$ | 600 V  |
| Nominal current $I_N$ | 20 A   |
| AWG/kcmil             | 28-12  |
| Certification         | ABS, BV, CB, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI |

**requested approbations**

|                   |                |
|-------------------|----------------|
| Certification Ex: | IECEX, KEMA-EX |
|-------------------|----------------|

**Accessories**

| Item            | Designation                 | Description   |
|-----------------|-----------------------------|---|
| <b>Assembly</b> |                             |   |
| 3030747         | ATP-STTB 4                  | Partition plate, for visual and electrical separation of terminal groups, width: 2 mm, color: gray  |
| 3022218         | CLIPFIX 35                  | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting 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                  | Cover, width: 2.2 mm, color: gray   |
| 1201442         | E/UK                        | End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case  |
| 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, 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                             |

**Bridges**

|         |          |  |
|---------|----------|--|
| 3030161 | FBS 2-5  | Plug-in bridge for cross-connections in the terminal center, 2-pos., color: Red  |
| 3030174 | FBS 3-5  | Plug-in bridge for cross-connections in the terminal center, 3-pos., color: Red  |
| 3030187 | FBS 4-5  | Plug-in bridge for cross-connections in the terminal center, 4-pos., color: Red  |
| 3030190 | FBS 5-5  | Plug-in bridge for cross-connections in the terminal center, 5-pos., color: Red  |
| 3030213 | FBS 10-5 | Plug-in bridge for cross-connections in the terminal center, 10-pos., color: Red |
| 3030226 | FBS 20-5 | Plug-in bridge for cross-connections in the terminal center, 20-pos., color: Red |
| 3038930 | FBS 50-5 | Plug-in bridge for cross-connections in the terminal center, 50-pos., color: Red |

**General**

|         |              |  |
|---------|--------------|--|
| 3022276 | CLIPFIX 35-5 | Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray |
|---------|--------------|--|

**Marking**

|         |                      |   |
|---------|----------------------|---|
| 0800967 | STP 5-2              | Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 2.5 and STTB 4, labeled with ZB 5 or ZBF 5   |
| 3030941 | WST 2,5              | Warning cover, 5-pos., for terminal width: 5.2 mm   |
| 0803595 | ZBFM 5/WH:UNBEDRUCKT | Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: white |

**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   |
| 3030925 | PAI-4       | Test adapter, for 4 mm diameter test plug PS and safety test plug, makes contact in the bridge shaft   |
| 3030983 | PS-5        | Modular test plug, for individual assembly of test plug strips, for UT, ST, DT and QT terminal blocks, can be labeled with ZBF 5, color: Red |

**Tools**

|         |               |   |
|---------|---------------|---|
| 1204517 | SZF 1-0,6X3,5 | Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm |
|---------|---------------|---|