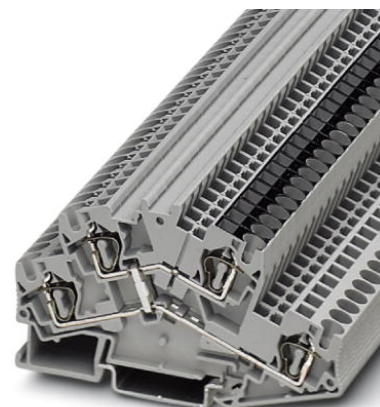



# STTBS 4-PV

Order No.: 3035085



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3035085>

Feed-through modular terminal block, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Connection type: Spring-cage connection, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

| Commercial data          |   |
|--------------------------|---|
| GTIN (EAN)               |  |
| sales group              | A632  |
| Pack                     | 50 pcs.   |
| Customs tariff           | 85369010  |
| Catalog page information | Page 149 (CL-2009)  |

#### Product notes

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



<http://www.download.phoenixcontact.com>  
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| 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  |
| <b>Dimensions</b>   |   |
| Width   | 6.2 mm  |
| Length  | 92.4 mm   |
| Height NS 35/7.5  | 55 mm   |
| Height NS 35/15   | 62.5 mm   |
| <b>Technical data</b>   |   |
| 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 $I_N$   | 28 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage $U_N$   | 500 V   |
| <b>Connection data</b>  |   |
| 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   |

**Certificates / Approvals**

Certification

ABS, BV, CUL, DNV, GL, KR, LR, NK, UL

**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   |
| 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 |
| 3035098         | D-STTBS 4                   | End cover, Length: 92.4 mm, Width: 2.2 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  |

**Bridges**

|         |          |   |
|---------|----------|---|
| 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 |
| 3032224 | FBS 50-6 | Plug-in bridge, Number of positions: 50, Color: red |

**Marking**

|         |       |   |
|---------|-------|---|
| 3030954 | WST 4 | Warning cover, 5-pos., for terminal width: 6.2 mm |
|---------|-------|---|

**Plug/Adapter**

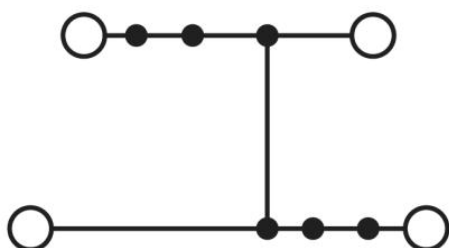
|         |           |                                 |
|---------|-----------|---------------------------------|
| 3002885 | ISH 4/0,5 | Insulating sleeve, Color: gray  |
| 3002898 | ISH 4/1,0 | Insulating sleeve, Color: black |
| 3030925 | PAI-4     | Test adapter, Color: gray       |
| 3030996 | 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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**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.