

## PITTBS 2,5

Order No.: 3209604



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3209604>

Feed-through modular terminal block, NS 35/15

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4046356330084      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.014348 KG        |
| Catalog page information | Page 188 (CL-2009) |

<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

#### General

|                                    |      |
|------------------------------------|------|
| 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           | 78 mm   |
| Height NS 35/7,5 | 55 mm   |
| Height NS 35/15  | 62.5 mm |

**Technical data**

|                                  |               |
|----------------------------------|---------------|
| Rated surge voltage              | 6 kV          |
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$            | 22 A          |
| Nominal voltage $U_N$            | 500 V         |

**Connection data**

|   |                       |
|---|-----------------------|
| Conductor cross section solid min.  | 0.14 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>     |
| Conductor cross section stranded min.   | 0.14 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 2.5 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.  | 26                    |
| 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  | Leg spring connection |
| Stripping length  | 10 mm                 |
| Internal cylindrical gage   | A3                    |

**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  |
| 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 |

|         |                              |  |
|---------|------------------------------|--|
| 3038503 | D-STTBS 2,5                  | End cover for modular terminal blocks, Length: 78 mm, Width: 2.2 mm, Height: 54.5 mm, Color: gray                            |
| 3036725 | DP PS-5                      | Spacer plate, Color: red   |
| 0801704 | NS 35/ 7,5 AL UNPERF 2000MM  | DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m  |
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM  | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m  |
| 1207640 | NS 35/ 7,5 PERF 755MM        | NS 35 DIN rail, height 7.5 mm, length 755 mm   |
| 1207653 | NS 35/ 7,5 PERF 955MM        | NS35 DIN rail, height 7.5 mm, length 955 mm  |
| 1207666 | NS 35/ 7,5 PERF 1155MM       | NS 35 DIN rail, height 7.5 mm, length 1155 mm  |
| 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 |
| 1208131 | NS 35/ 7,5 PERF/...          | DIN rail, Color: silver  |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM     | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m   |
| 1208115 | NS 35/ 7,5 UNPERF/...        | DIN rail, Color: silver  |
| 1208128 | NS 35/ 7,5 UNPERF/SO/...     | DIN rail, Color: silver  |
| 0801377 | NS 35/ 7,5 V2A UNPERF 2000MM | DIN rail, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver   |
| 1206421 | NS 35/ 7,5 ZN PERF 2000MM    | DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m  |
| 1206434 | NS 35/ 7,5 ZN UNPERF 2000MM  | DIN rail, material: Galvanized, unperforated, height 7.5 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  |
| 1208144 | NS 35/15 UNPERF/...          | DIN rail, Color: silver  |
| 1208157 | NS 35/15 UNPERF/SO/...       | DIN rail, Color: silver  |
| 1206586 | NS 35/15 ZN UNPERF 2000MM    | DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m   |

**Bridges**

|         |         |   |
|---------|---------|---|
| 3030161 | FBS 2-5 | Cross connector/jumper for modular terminal block, Number of positions: 2, Color: red |
| 3030174 | FBS 3-5 | Cross connector/jumper for modular terminal block, Number of positions: 3, Color: red |
| 3030187 | FBS 4-5 | Cross connector/jumper for modular terminal block, Number of positions: 4, Color: red |

|         |          |  |
|---------|----------|--|
| 3030190 | FBS 5-5  | Cross connector/jumper for modular terminal block, Number of positions: 5, Color: red  |
| 3030213 | FBS 10-5 | Cross connector/jumper for modular terminal block, Number of positions: 10, Color: red |
| 3030226 | FBS 20-5 | Cross connector/jumper for modular terminal block, Number of positions: 20, Color: red |
| 3038930 | FBS 50-5 | Cross connector/jumper for modular terminal block, Number of positions: 50, Color: red |

**General**

|         |             |  |
|---------|-------------|--|
| 3032185 | FBS-PV      | Vertical potential bridge, to connect the upper and lower level  |
| 0810588 | GBS 5-25X12 | Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5         |
| 0809298 | GBS-ZB/26X6 | Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm |

**Marking**

|         |                  |   |
|---------|------------------|---|
| 3037643 | STP 5-2-ZB       | Double marker carrier, snaps onto the spring-cage terminal blocks ST 2.5..., labeled with ZB 5 or ZBF 5   |
| 0818108 | UC-TM 5          | UniCard sheets, for labeling terminal blocks using Zack marker strip groove, 96-section, labeling with BLUEMARK X1 and CMS-P1-PLOTTER, color: White                                 |
| 0824581 | UC-TM 5 CUS      | UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements   |
| 0824588 | UC-TM 5L CUS     | UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements   |
| 0819796 | UC-TMF 5L        | UniCard sheets, for labeling terminal blocks using a flat Zack marker strip groove, 192-section, can be labeled with CMS-P1-PLOTTER, color: White                                   |
| 1050004 | ZB 5 :UNBEDRUCKT | Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 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                |
| 0201731 | MPS-IH BK   | Insulating sleeve, for MPS metal part, Color: black |
| 0201689 | MPS-IH BU   | Insulating sleeve, for MPS metal part, Color: blue  |

|         |           |  |
|---------|-----------|--|
| 0201702 | MPS-IH GN | Insulating sleeve, for MPS metal part, Color: green  |
| 0201728 | MPS-IH GY | Insulating sleeve, for MPS metal part, Color: gray   |
| 0201676 | MPS-IH RD | Insulating sleeve, for MPS metal part, Color: red    |
| 0201715 | MPS-IH VT | Insulating sleeve, for MPS metal part, Color: violet |
| 0201663 | MPS-IH WH | Insulating sleeve, for MPS metal part, Color: white  |
| 0201692 | MPS-IH YE | Insulating sleeve, for MPS metal part, Color: yellow |
| 0201744 | MPS-MT    | Metal part for test connector                        |
| 3030925 | PAI-4     | Test adapter, Color: gray                            |
| 3030983 | PS-5      | Test adapter, Color: red                             |

**Tools**

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

**Drawings**

Circuit diagram



**Address**

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 00  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2009 Phoenix Contact  
Technical modifications reserved;