


**PITTB 4 BU**

Order No.: 3211793

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3211793>

Double-level terminal block, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>,  
AWG: 24 - 10, Connection type: Push-In connection, Width: 6.2 mm,  
Color: blue, 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 99 (CL1-2011)  |

**Product notes**

WEEE/RoHS-compliant since:  
12/17/2008



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**Technical data****General**

|                       |      |
|-----------------------|------|
| Number of levels      | 2    |
| Number of connections | 4    |
| Color                 | blue |
| Insulating material   | PA   |

|   |   |
|---|---|
| Inflammability class acc. to UL 94  | V0  |
| <b>Dimensions</b>   |   |
| Width   | 6.2 mm  |
| Length  | 83.5 mm   |
| Height NS 35/7.5  | 47.5 mm   |
| Height NS 35/15   | 55 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 (with 4 mm <sup>2</sup> conductor cross section) |
| Nominal voltage $U_N$   | 500 V   |
| <b>Connection data</b>  |   |
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>                                   |
| Conductor cross section solid max.  | 6 mm <sup>2</sup>                                     |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>                                   |
| Conductor cross section stranded max.   | 4 mm <sup>2</sup>                                     |
| Conductor cross section AWG/kcmil min.  | 24  |
| Conductor cross section AWG/kcmil max   | 10  |
| 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.              | 4 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.                 | 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>                                     |
| Connection method   | Push-In connection                                    |
| Stripping length  | 10 mm   |
| Internal cylindrical gage   | A4  |

**Certificates / Approvals**

Certification CUL, GL, GOST, UL

Certification Ex: IECEX, PTB

**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 |
| 3030462         | D-STTB 4                     | End cover, Length: 83.5 mm, Width: 2.2 mm, Height: 47.5 mm, Color: gray  |
| 3036738         | DP PS-6                      | 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, Width: 35 mm, Height: 7.5 mm, 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, Width: 35 mm, Height: 7.5 mm, Color: silver  |
| 1208128         | NS 35/ 7,5 UNPERF/SO/...     | DIN rail, Width: 35 mm, Height: 7.5 mm, 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, Width: 35 mm, Height: 15 mm, Color: silver   |
| 1208157 | NS 35/15 UNPERF/SO/...      | DIN rail, Width: 35 mm, Height: 15 mm, Color: silver   |
| 1206586 | NS 35/15 ZN UNPERF 2000MM   | DIN rail, material: Galvanized, unperforated, 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 |

**General**

|         |        |   |
|---------|--------|---|
| 3032185 | FBS-PV | Vertical potential bridge, to connect the upper and lower level |
|---------|--------|---|

**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   |
| 0816498 | TMT 6 R      | Markers for terminal blocks with 6 mm pitch, perforated, unprinted, for all terminal blocks with ZB and ZBF keyway, can be labelled using a thermo transfer printer, 1 roll = 1,000 strips, 16 labels/ strips, strip height: 6.4 mm |
| 0818140 | UC-TMF 6     | UniCard materials for labeling terminal blocks using a flat marker groove, 80-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white  |
| 0818140 | UC-TMF 6     | UniCard materials for labeling terminal blocks using a flat marker groove, 80-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white  |
| 0824646 | UC-TMF 6 CUS | UniCard sheets, for labeling terminal blocks with a flat zack marker sheet groove, can be printed as per customer requirements  |

|         |                  |  |
|---------|------------------|--|
| 0828746 | UCT-TMF 6        | UniCard materials for thermal transfer printer, for labeling terminal blocks with a horizontal marker groove, 60-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white |
| 0829665 | UCT-TMF 6 CUS    | Terminal block marking, can be labeled as per customer specifications  |
| 0808710 | ZBF 6:UNBEDRUCKT | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white   |

**Plug/Adapter**

|         |            |                                  |
|---------|------------|----------------------------------|
| 3002885 | ISH 4/0,5  | Insulating sleeve, Color: gray   |
| 3002898 | ISH 4/1,0  | Insulating sleeve, Color: black  |
| 0201731 | MPS-IH BK  | Insulating sleeve, Color: black  |
| 0201689 | MPS-IH BU  | Insulating sleeve, Color: blue   |
| 0201702 | MPS-IH GN  | Insulating sleeve, Color: green  |
| 0201728 | MPS-IH GY  | Insulating sleeve, Color: gray   |
| 0201676 | MPS-IH RD  | Insulating sleeve, Color: red    |
| 0201715 | MPS-IH VT  | Insulating sleeve, Color: violet |
| 0201663 | MPS-IH WH  | Insulating sleeve, Color: white  |
| 0201692 | MPS-IH YE  | Insulating sleeve, Color: yellow |
| 0201744 | MPS-MT     | Test plugs                       |
| 3032871 | PAI-4-N GY | 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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