

PITTB 2,5-2DIO/O-UL/UR-UL

Order No.: 3211430

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3211430>

Feed-through modular terminal block, Connection type: Leg spring connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Nominal current: 20 A, Nominal voltage: 250 V, Length: 68 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4046356433051 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.013054 KG |
| Catalog page information | Page 199 (CL-2009) |

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Technical data

General

| | |
|------------------------------------|------|
| Number of levels | 2 |
| Number of connections | 4 |
| Color | gray |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

Dimensions

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|--------|--------|
| Width | 5.2 mm |
| Length | 68 mm |

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|------------------|---------|
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15 | 55 mm |

Technical data

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|---------------------------|-------|
| Rated surge voltage | 6 kV |
| Surge voltage category | III |
| Insulating material group | I |
| Nominal current I_N | 20 A |
| Nominal voltage U_N | 250 V |

Connection data

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|---|-----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| 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 ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Type of connection | Leg spring connection |
| Stripping length | 10 mm |
| Internal cylindrical gage | A3 |

Accessories

| Item | Designation | Description |
|-----------------|-------------|---|
| Assembly | | |
| 3030747 | ATP-STTB 4 | Partition plate, Length: 88.7 mm, Width: 2 mm, Height: 53 mm, Color: gray |

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|---------|------------------------------|--|
| 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 |
| 3030459 | D-STTB 2,5 | End cover, Length: 67.5 mm, Width: 2.2 mm, Height: 47.5 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

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|---------|---------|--|
| 3030161 | FBS 2-5 | Cross connector/bridge, Number of positions: 2, Color: red |
| 3030174 | FBS 3-5 | Cross connector/bridge, Number of positions: 3, Color: red |
| 3030187 | FBS 4-5 | Cross connector/bridge, Number of positions: 4, Color: red |

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|---------|----------|---|
| 3030190 | FBS 5-5 | Cross connector/bridge, Number of positions: 5, Color: red |
| 3030213 | FBS 10-5 | Cross connector/bridge, Number of positions: 10, Color: red |
| 3030226 | FBS 20-5 | Cross connector/bridge, Number of positions: 20, Color: red |
| 3038930 | FBS 50-5 | Cross connector/bridge, Number of positions: 50, Color: red |

Marking

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|---------|------------------|---|
| 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 |
| 0800970 | STP 5-2/S | Double marker carrier, snaps onto the double-level spring-cage terminal block ZFKK 1,5, with MSTBV or ICV pick-off |
| 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 |
| 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

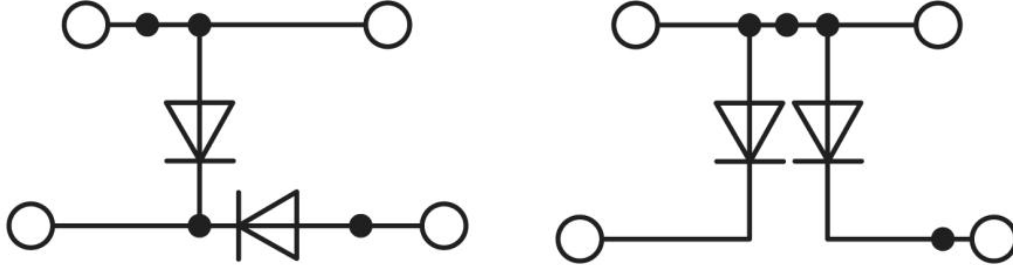
| | | |
|---------|-------------|--------------------------------------|
| 3002843 | ISH 2,5/0,2 | Insulation stop sleeve, Color: white |
| 3002856 | ISH 2,5/0,5 | Insulation stop sleeve, Color: gray |
| 3002869 | ISH 2,5/1,0 | Insulation stop sleeve, Color: black |
| 3030925 | PAI-4 | Test adapter, Color: gray |
| 3030983 | PS-5 | Test adapter, Color: red |

Tools

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

Circuit diagram



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