

PTTB 2,5-2BE


Order No.: 3211480

The illustration shows the standard type

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3211480>

Double-level terminal block, Cross section: 0.14 mm² - 4 mm²,
AWG: 26 - 12, Connection type: Push-in connection, Width: 5.2 mm,
Color: gray, Mounting type: NS 35/7,5, NS 35/15

Commercial data

| | |
|--------------------------|--|
| EAN |  4 046356 832847 |
| sales group | A642 |
| Pack | 50 Pcs. |
| Customs tariff | 85369010 |
| Gross weight in pieces | 0.01279 KG |
| Net weight per piece | 0.011843 KG |
| Catalog page information | Page 163 (C-3-2013) |

Product notes

WEEE/RoHS-compliant since:
10/23/2012



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Technical data

General

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

General

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|--|--|
| 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 |
| Maximum load current (lower level) | 26 A |
| Additional text | with 4 mm ² conductor cross section |
| Nominal current I _N (lower level) | 22 A |
| Nominal voltage U _N | 500 V |
| Open side panel | ja |

Dimensions

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| Width | 5.2 mm |
| Length | 68 mm |
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15 | 55 mm |

Connection data

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|---|----------------------|
| Connection method | Push-in connection |
| 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 |
| Stripping length | 10 mm |
| Internal cylindrical gage | A3 |

Certificates / Approvals



Certification GOST

Certifications applied for:

Certification Ex:

Accessories

| Item | Designation | Description |
|-----------------|-----------------------------|--|
| Assembly | | |
| 3030747 | ATP-STTB 4 | Partition plate, Length: 88.7 mm, Width: 2 mm, Height: 53 mm, Color: gray |
| 3022218 | CLIPFIX 35 | Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray |
| 3022276 | CLIPFIX 35-5 | Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray |
| 0800886 | E/NS 35 N | End clamp, width: 9.5 mm, color: gray |
| 0801704 | NS 35/ 7,5 AL UNPERF 2000MM | DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver |
| 1206560 | NS 35/ 7,5 CAP | DIN rail end piece, for DIN rail NS 35/7.5 |
| 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: 2000 mm |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1204119 | NS 35/ 7,5 WH PERF 2000MM | DIN rail 35 mm (NS 35) |
| 1204122 | NS 35/ 7,5 WH UNPERF 2000MM | DIN rail 35 mm (NS 35) |
| 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 |
| 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 2000 mm |

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| 1206573 | NS 35/15 CAP | DIN rail end piece, for DIN rail NS 35/15 |
| 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 galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm |
| 1201714 | NS 35/15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m |
| 0806602 | NS 35/15 WH PERF 2000MM | DIN rail 35 mm (NS 35) |
| 1204135 | NS 35/15 WH UNPERF 2000MM | DIN rail 35 mm (NS 35) |
| 1206599 | NS 35/15 ZN PERF 2000MM | DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m |
| 1206586 | NS 35/15 ZN UNPERF 2000MM | DIN rail, material: Galvanized, 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

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|---------|-----------|---|
| 3030161 | FBS 2-5 | Plug-in bridge, Number of positions: 2, Color: red |
| 3030174 | FBS 3-5 | Plug-in bridge, Number of positions: 3, Color: red |
| 3030187 | FBS 4-5 | Plug-in bridge, Number of positions: 4, Color: red |
| 3030190 | FBS 5-5 | Plug-in bridge, Number of positions: 5, Color: red |
| 3030213 | FBS 10-5 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030226 | FBS 20-5 | Plug-in bridge, Number of positions: 20, Color: red |
| 3038930 | FBS 50-5 | Plug-in bridge, Number of positions: 50, Color: red |
| 3033702 | FBSR 2-5 | Plug-in bridge, Number of positions: 2, Color: red |
| 3033710 | FBSR 10-5 | Plug-in bridge, Number of positions: 10, Color: red |
| 3001591 | FBSR 3-5 | Plug-in bridge, Number of positions: 3, Color: red |
| 3001592 | FBSR 4-5 | Plug-in bridge, Number of positions: 4, Color: red |
| 3001593 | FBSR 5-5 | Plug-in bridge, Number of positions: 5, Color: red |

Connector/Adapter

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|---------|-------------|---------------------------------|
| 3002843 | ISH 2,5/0,2 | Insulating sleeve, Color: white |
| 3002856 | ISH 2,5/0,5 | Insulating sleeve, Color: gray |
| 3002869 | ISH 2,5/1,0 | 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 |

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| 0201663 | MPS-IH WH | Insulating sleeve, Color: white |
| 0201692 | MPS-IH YE | Insulating sleeve, Color: yellow |
| 0201744 | MPS-MT | Test plugs, Color: silver |
| 3032871 | PAI-4-N GY | Test plugs, Color: gray |
| 3030983 | PS-5 | Test plugs, Color: red |
| 3038723 | PS-5/2,3MM RD | Test plugs, Color: red |

Covers

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| 3211634 | D-PTTB 2,5 | End cover, Length: 68 mm, Width: 2.2 mm, Color: gray |
| 3036725 | DP PS-5 | Spacer plate, Color: red |

General

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| 3208090 | PT-IL | Operating decal for the push-in Technology |
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Marking

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|---------|------------------------|---|
| 0800967 | STP 5-2 | Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 2,5, STTB 4, PTTB 2,5, PTTB 4 can be marked with UC-TM 5, ZB 5 or UC-TMF 5, 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 |
| 0818153 | UC-TMF 5 | Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm |
| 0824638 | UC-TMF 5 CUS | Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm |
| 0828744 | UCT-TMF 5 | Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm |
| 0829658 | UCT-TMF 5 CUS | Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm |
| 0825025 | ZBF 5 CUS | Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm |
| 0808671 | ZBF 5,LGS:FORTL.ZAHLEN | Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm |

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| 0810821 | ZBF 5,LGS:GERADE ZAHLEN | Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm |
| 0810863 | ZBF 5,LGS:UNGERADE ZAHLEN | Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm |
| 0808697 | ZBF 5,QR:FORTL.ZAHLEN | Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm |
| 0808642 | ZBF 5:UNBEDRUCKT | Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm |

Software

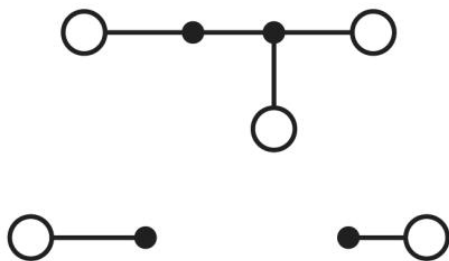
| | | |
|---------|---------------------------|--|
| 5146040 | CLIP-PROJECT ADVANCED | Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts. |
| 5146053 | CLIP-PROJECT PROFESSIONAL | Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts. |

Tools

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|---------|---------------|---|
| 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 |
|---------|---------------|---|

Drawings

Circuit diagram



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