

UT 2,5-MT BU

Order No.: 3046553

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3046553>

Universal terminal block, Connection type: Screw connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Nominal current: 20 A, Nominal voltage: 400 V, Length: 57.8 mm, Width: 5.2 mm, Color: blue, Assembly: NS 35/7.5, NS 35/15

Commercial data

| | |
|--------------------------|-------------------|
| GTIN (EAN) | 4046356285889 |
| sales group | A840 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.010571 KG |
| Catalog page information | Page 50 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
04/15/2008



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Technical data

General

| | |
|-----------------------|------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | blue |

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|------------------------------------|-----------------------|
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Bridge accessories | 3030213 FBS 10-5 24 A |

Dimensions

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| Width | 5.2 mm |
| Length | 57.8 mm |
| Height NS 35/7.5 | 49.1 mm |
| Height NS 35/15 | 56.6 mm |

Technical data

| | |
|----------------------------------|---------------|
| 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 | 20 A |
| Nominal voltage U_N | 400 V |
| Open side panel | ja |

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. | 4 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, solid min. | 0.14 mm ² |
| 2 conductors with same cross section, solid max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |

| | |
|---|----------------------|
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm ² |
| Type of connection | Screw connection |
| Stripping length | 9 mm |
| Internal cylindrical gage | A3 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Certificates / Approvals



Certification CUL, UL

CUL

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 20 A |
| AWG/kcmil | 26-12 |

UL

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 20 A |
| AWG/kcmil | 26-12 |

Accessories

| Item | Designation | Description |
|-----------------|-------------|---|
| Assembly | | |
| 3047183 | ATP-UT-TWIN | Partition plate, Length: 62.1 mm, Width: 2.2 mm, Height: 52.5 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 |
| 3047141 | D-UT 2,5/4-TWIN | End cover, Length: 57.8 mm, Width: 2.2 mm, Height: 47.5 mm, Color: gray |
| 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 |
| 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 |
| 1207679 | NS 35/15 PERF 755MM | NS 35 DIN rail, perforated, height 15 mm, length 755 mm |
| 1207682 | NS 35/15 PERF 955MM | NS 35 DIN rail, perforated, height 15 mm, length 955 mm |
| 1207695 | NS 35/15 PERF 1155MM | NS 35 DIN rail, perforated, height 15 mm, length 1155 mm |
| 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

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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 |

Marking

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|---------|------------|---|
| 0811228 | X-PEN 0,35 | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm |
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| 1050017 | ZB 5,LGS:FORTL.ZAHLEN | Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white |
| 5060906 | ZB 5/WH-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 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

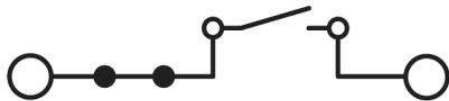
| | | |
|---------|-----------|---------------------------------|
| 0201689 | MPS-IH BU | Insulating sleeve, Color: blue |
| 0201676 | MPS-IH RD | Insulating sleeve, Color: red |
| 0201663 | MPS-IH WH | Insulating sleeve, Color: white |
| 0201744 | MPS-MT | Test plugs |
| 3030925 | PAI-4 | Test adapter, Color: gray |
| 3030983 | PS-5 | Test adapter, Color: red |

Tools

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|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, 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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