

UT 35

Order No.: 3044225



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3044225>

Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 1.5 mm² - 50 mm², AWG 16 - 1/0, Width: 16 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15



| Commercial data | |
|--------------------------|-------------------|
| GTIN (EAN) | 4017918977559 |
| sales group | A800 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.06085 KG |
| Catalog page information | Page 29 (CL-2009) |

Product notes

WEEE/RoHS-compliant since: 01/01/2005



<http://www.download.phoenixcontact.com>
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Technical data

| General | |
|-----------------------|------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | gray |

| | |
|------------------------------------|----|
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

Dimensions

| | |
|------------------|---------|
| Width | 16 mm |
| Length | 60.2 mm |
| Height NS 35/7.5 | 65.7 mm |
| Height NS 35/15 | 73.2 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 150 A (with 50 mm ² conductor cross section) |
| Rated surge voltage | 8 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 | 125 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | nein |

Connection data

| | |
|--|---------------------|
| Conductor cross section solid min. | 1.5 mm ² |
| Conductor cross section solid max. | 50 mm ² |
| Conductor cross section stranded min. | 1.5 mm ² |
| Conductor cross section stranded max. | 50 mm ² |
| Conductor cross section AWG/kcmil min. | 16 |
| Conductor cross section AWG/kcmil max | 1/0 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 35 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 35 mm ² |
| 2 conductors with same cross section, solid min. | 1.5 mm ² |
| 2 conductors with same cross section, solid max. | 16 mm ² |
| 2 conductors with same cross section, stranded min. | 1.5 mm ² |

| | |
|---|---------------------|
| 2 conductors with same cross section, stranded max. | 10 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 10 mm ² |
| Type of connection | Screw connection |
| Stripping length | 18 mm |
| Internal cylindrical gage | B9 |
| Screw thread | M6 |
| Tightening torque, min | 3.2 Nm |
| Tightening torque max | 3.7 Nm |

Certificates / Approvals



Certification CB, CSA, CUL, GL, GOST, UL, VDE-PZI

Certification Ex: IECEX, KEMA-EX

CSA

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 150 A |
| AWG/kcmil | 14-0 |

CUL

| | |
|-----------------------|--------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 150 A |
| AWG/kcmil | 14-1/0 |

UL

| | |
|-----------------------|--------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 150 A |
| AWG/kcmil | 14-1/0 |

| Accessories | | |
|--------------------|-----------------------------|--|
| Item | Designation | Description |
| Assembly | | |
| 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 |
| 0706647 | TPNS-UK | Separating plate, Length: 80 mm, Width: 2 mm, Height: 70 mm, Color: gray |
| Bridges | | |
| 3005963 | FBS 2-16 | Plug-in bridge, Number of positions: 2, Color: red |
| 3047277 | RB UT 35-(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |
| General | | |
| 3047138 | AGK 4-UT 35 | Pick-off terminal block, Width: 10.2 mm, Height: 34.7 mm, Color: gray |
| 3047280 | RB UT 35-ST(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |
| Marking | | |
| 3047387 | WS UT 35 | Warning sign for UT terminal blocks |

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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 |
| 0811998 | ZB 15,LGS:L1-N,PE | Zack marker strip, printed horizontally: 5-section, L1, L2, L3, N, PE, color: White |
| 0811985 | ZB 15:SO/CMS | Zack marker strip, 5-section, divisible, special printing, marking according to customer requirements |
| 0811972 | ZB 15:UNBEDRUCKT | Zack marker strip, unprinted: 5-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 15 mm, color: White |

Diagrams/Drawings

Circuit diagram



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