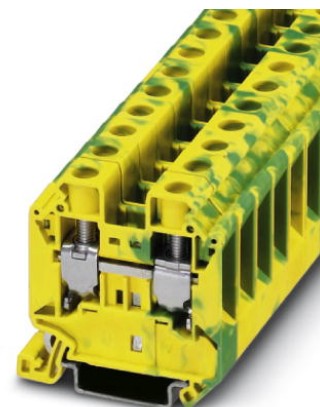


UT 16-PE

Order No.: 3044212



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3044212>

Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 1.5 mm² - 25 mm², AWG 16 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15



Commercial data

| | |
|--------------------------|-------------------|
| GTIN (EAN) | 4017918977573 |
| sales group | A803 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.047128 KG |
| Catalog page information | Page 34 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
05/09/2005



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General

| | |
|-----------------------|--------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | green-yellow |

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

Dimensions

| | |
|------------------|---------|
| Width | 12.2 mm |
| Length | 55.5 mm |
| Height NS 35/7.5 | 55 mm |
| Height NS 35/15 | 62.5 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 101 A (with 25 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 60947-7-2 |
| Nominal current I _N | 76 A (with 25 mm ² conductor cross section) |
| Open side panel | ja |

Connection data

| | |
|--|---------------------|
| Conductor cross section solid min. | 1.5 mm ² |
| Conductor cross section solid max. | 25 mm ² |
| Conductor cross section stranded min. | 1.5 mm ² |
| Conductor cross section stranded max. | 25 mm ² |
| Conductor cross section AWG/kcmil min. | 16 |
| Conductor cross section AWG/kcmil max | 4 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 1 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 1 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 16 mm ² |
| 2 conductors with same cross section, solid min. | 1 mm ² |
| 2 conductors with same cross section, solid max. | 6 mm ² |
| 2 conductors with same cross section, stranded min. | 1 mm ² |

| | |
|---|----------------------|
| 2 conductors with same cross section, stranded max. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 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 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 6 mm ² |
| Type of connection | Screw connection |
| Stripping length | 14 mm |
| Internal cylindrical gage | A7 |
| Screw thread | M5 |
| Tightening torque, min | 2.5 Nm |
| Tightening torque max | 3 Nm |

Certificates / Approvals



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

Certification Ex: IECEX, KEMA-EX

CSA

| | |
|-----------|------|
| AWG/kcmil | 16-4 |
|-----------|------|

CUL

| | |
|-----------|------|
| AWG/kcmil | 16-4 |
|-----------|------|

UL

| | |
|-----------|------|
| AWG/kcmil | 16-4 |
|-----------|------|

Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

Assembly

| | | |
|---------|---------|---|
| 3047206 | D-UT 16 | End cover, Length: 55.5 mm, Width: 2.2 mm, Height: 54.8 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 |
| 0706647 | TPNS-UK | Separating plate, Length: 80 mm, Width: 2 mm, Height: 70 mm, Color: gray |

Bridges

| | | |
|---------|--------------------|---|
| 3005950 | FBS 2-12 | Plug-in bridge, Number of positions: 2, Color: red |
| 3047073 | RB UT 16-(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |
| 3047099 | RB UT 16-ST(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |

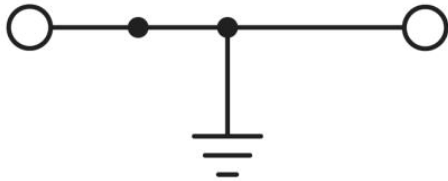
Marking

| | | |
|---------|------------------------|---|
| 3047374 | WS UT 16 | Warning sign for UT terminal blocks |
| 0811228 | X-PEN 0,35 | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm |
| 1053014 | ZB10,LGS:FORTL.ZAHLEN | Zack strip, 10-section, printed horizontally: with the numbers, 1-10, 11-20 etc. up to 991-1000, color: white |
| 5060883 | ZB10/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 10.2 mm, color: White |
| 5060883 | ZB10/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 10.2 mm, color: White |

| | | |
|---------|------------------------|---|
| 5060883 | ZB10/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 10.2 mm, color: White |
| 1050525 | ZB10:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Diagrams/Drawings

Circuit diagram



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