

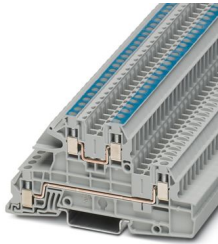
UTI 2,5-L/N - Installation level terminal block



3076035

<https://www.phoenixcontact.com/us/products/3076035>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Installation level terminal block, nom. voltage: 400 V, nominal current: 24 A, Screw connection, 1st, 2nd and 3rd level, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- The asymmetrical arrangement of the terminal blocks on the DIN rail enables the neutral busbar to be routed past the terminal blocks
- The installation terminal block features a particularly low-profile design and is suitable for wiring in flat installation distributors

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3076035 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE01 |
| Product key | BE1153 |
| GTIN | 4046356643986 |
| Weight per piece (including packing) | 15.77 g |
| Weight per piece (excluding packing) | 15.77 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

UTI 2,5-L/N - Installation level terminal block



3076035

<https://www.phoenixcontact.com/us/products/3076035>

Technical data

Product properties

| | |
|-----------------------|-----------------------------|
| Product type | Installation terminal block |
| Number of connections | 4 |
| Number of rows | 3 |
| Potentials | 2 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Electrical properties

| | |
|---|--------|
| Rated surge voltage | 4 kV |
| | 6 kV |
| Maximum power dissipation for nominal condition | 1.02 W |
| Current carrying capacity of the neutral busbar | 140 A |

Connection data

| | |
|---------------------------------|---------------------|
| Number of connections per level | 2 |
| Nominal cross section | 2.5 mm ² |

1st, 2nd and 3rd level

| | |
|---|---|
| Connection method | Screw connection |
| Screw thread | M3 |
| Tightening torque | 0.5 ... 0.6 Nm |
| Stripping length | 9 mm |
| Internal cylindrical gage | A3 |
| Conductor cross-section rigid | 0.2 mm ² ... 4 mm ² |
| Cross section AWG | 24 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.2 mm ² ... 4 mm ² |
| Conductor cross-section, flexible [AWG] | 24 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm ² ... 2.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.25 mm ² ... 2.5 mm ² |
| 2 conductors with same cross section, rigid | 0.2 mm ² ... 1.5 mm ² |
| 2 conductors with same cross section, flexible | 0.2 mm ² ... 1.5 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 0.25 mm ² ... 0.75 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 0.75 mm ² |
| Nominal cross section | 2.5 mm ² |
| Nominal current | 24 A (with 4 mm ² conductor cross-section) |
| Maximum load current | 30 A (with 4 mm ² conductor cross-section and 3-pos. terminal block) |
| | 400 V (phase conductor/phase conductor) |

UTI 2,5-L/N - Installation level terminal block



3076035

<https://www.phoenixcontact.com/us/products/3076035>

| | |
|-----------------|---------------------------|
| Nominal voltage | phase conductor/PE |
| | 250 V (phase conductor/N) |

Dimensions

| | |
|--------------------|---------|
| Width | 5.2 mm |
| End cover width | 2.2 mm |
| Height | 93.5 mm |
| Depth on NS 35/7,5 | 51.5 mm |
| Depth on NS 35/15 | 59 mm |

Material specifications

| | |
|---|-----------------|
| Color | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |
| Static insulating material application in cold | -60 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |

Electrical tests

Temperature-rise test

| | |
|--|-------------------------------------|
| Requirement temperature-rise test | Increase in temperature ≤ 45 K |
| Result | Test passed |
| Short-time withstand current 2.5 mm ² | 0.3 kA |
| Short-time withstand current 4 mm ² | 0.48 kA |
| Result | Test passed |

Mechanical properties

Mechanical data

| | |
|-----------------|-----|
| Open side panel | Yes |
|-----------------|-----|

Mechanical tests

Mechanical strength

| | |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

Attachment on the carrier

| | |
|-------------------------|-------------|
| DIN rail/fixing support | NS 35 |
| Test force setpoint | 1 N |
| Result | Test passed |

Test for conductor damage and slackening

| | |
|----------------|--------|
| Rotation speed | 10 rpm |
| Revolutions | 135 |

UTI 2,5-L/N - Installation level terminal block



3076035

<https://www.phoenixcontact.com/us/products/3076035>

| | |
|--------------------------------|------------------------------|
| Conductor cross-section/weight | 0.2 mm ² / 0.2 kg |
| | 2.5 mm ² / 0.7 kg |
| | 4 mm ² / 0.9 kg |
| Result | Test passed |

Environmental and real-life conditions

Needle-flame test

| | |
|------------------|-------------|
| Time of exposure | 30 s |
| Result | Test passed |

Oscillation/broadband noise

| | |
|------------------------|--|
| Specification | DIN EN 50155 (VDE 0115-200):2008-03 |
| Spectrum | Long life test category 2, bogie-mounted |
| Frequency | $f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$ |
| ASD level | 6.12 (m/s ²) ² /Hz |
| Acceleration | 3.12g |
| Test duration per axis | 5 h |
| Test directions | X-, Y- and Z-axis |
| Result | Test passed |

Shocks

| | |
|--------------------------------|-------------------------------------|
| Specification | DIN EN 50155 (VDE 0115-200):2008-03 |
| Pulse shape | Half-sine |
| Acceleration | 30g |
| Shock duration | 18 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |
| Result | Test passed |

Ambient conditions

| | |
|--|--|
| Ambient temperature (operation) | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
| Ambient temperature (storage/transport) | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Ambient temperature (assembly) | -5 °C ... 70 °C |
| Permissible humidity (operation) | 20 % ... 90 % |
| Permissible humidity (storage/transport) | 30 % ... 70 % |

Mounting

| | |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
| | NS 35/15 |

UTI 2,5-L/N - Installation level terminal block

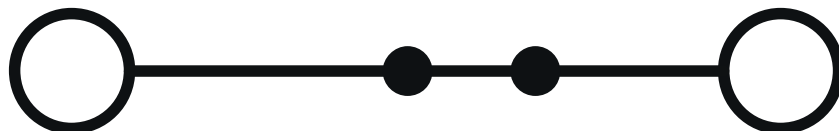


3076035

<https://www.phoenixcontact.com/us/products/3076035>

Drawings

Circuit diagram



UTI 2,5-L/N - Installation level terminal block




3076035


<https://www.phoenixcontact.com/us/products/3076035>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3076035>

 **CSA**
Approval ID: 13631

 **IECEE CB Scheme**
Approval ID: DE1-62830

 **EAC**
Approval ID: KZ7500651131219505

 **cULus Recognized**
Approval ID: E60425

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|----------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
| B | | | | |
| | 300 V | 20 A | 26 - 12 | - |
| Multi-conductor connection | 300 V | 20 A | 26 - 16 | - |
| D | | | | |
| | 300 V | 10 A | 26 - 12 | - |
| Multi-conductor connection | 300 V | 10 A | 26 - 16 | - |

 **VDE Zeichengenehmigung**
Approval ID: 40040774

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|-------|-----------------------|-----------------------|-------------------|-----------------------------|
| keine | | | | |
| | 400 V | 21 A | - | - |

 **CSA**
Approval ID: 13631

UTI 2,5-L/N - Installation level terminal block



3076035

<https://www.phoenixcontact.com/us/products/3076035>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250110 |
| ECLASS-15.0 | 27250110 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001329 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

UTI 2,5-L/N - Installation level terminal block



3076035

<https://www.phoenixcontact.com/us/products/3076035>

Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | b973ea02-8a84-4df1-ba92-4542bdcd9285 |

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com