

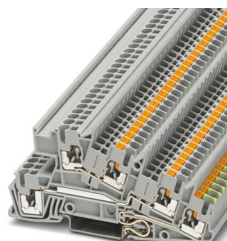
PTI 2,5-PE/LO/LO - Installation protective conductor terminal block



3213937

<https://www.phoenixcontact.com/us/products/3213937>

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 protective conductor terminal block, without actuating push button, nom. voltage: 400 V, nominal current: 24 A, Push-in connection, 1st, 2nd and 3rd level, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- Double function shafts on all levels

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3213937 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE22 |
| Product key | BE2253 |
| GTIN | 4046356979719 |
| Weight per piece (including packing) | 18.02 g |
| Weight per piece (excluding packing) | 18.02 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

PTI 2,5-PE/LO/LO - Installation protective conductor terminal block



3213937

<https://www.phoenixcontact.com/us/products/3213937>

Technical data

Product properties

| | |
|-----------------------|-----------------------|
| Product type | Ground terminal block |
| Number of connections | 5 |
| 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 |

Connection data

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

1st, 2nd and 3rd level

| | |
|---|---|
| Connection method | Push-in connection |
| Note | Please observe the current carrying capacity of the DIN rails. |
| Stripping length | 10 mm |
| Internal cylindrical gage | A3 |
| Conductor cross-section rigid | 0.14 mm ² ... 4 mm ² |
| Cross section AWG | 26 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.14 mm ² ... 4 mm ² |
| Conductor cross-section, flexible [AWG] | 26 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.14 mm ² ... 2.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.14 mm ² ... 2.5 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) |
| Nominal voltage | 400 V (phase conductor/phase conductor) |
| | 250 V (phase conductor/PE) |

1st, 2nd and 3rd level Connection cross sections directly pluggable

| | |
|---|--|
| Conductor cross-section rigid | 0.34 mm ² ... 4 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.34 mm ² ... 2.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.34 mm ² ... 2.5 mm ² |

PTI 2,5-PE/LO/LO - Installation protective conductor terminal block



3213937

<https://www.phoenixcontact.com/us/products/3213937>

Dimensions

| | |
|--------------------|---------|
| Width | 5.2 mm |
| End cover width | 2.2 mm |
| Height | 101 mm |
| Depth | 48.6 mm |
| Depth on NS 35/7,5 | 50.5 mm |
| Depth on NS 35/15 | 58 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)) | 125 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 27,5 MJ/kg |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

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 |
| Ambient temperature (actuation) | -5 °C ... 70 °C |
| Permissible humidity (operation) | 20 % ... 90 % |
| Permissible humidity (storage/transport) | 30 % ... 70 % |

Mounting

PTI 2,5-PE/LO/LO - Installation protective conductor terminal block



3213937

<https://www.phoenixcontact.com/us/products/3213937>

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

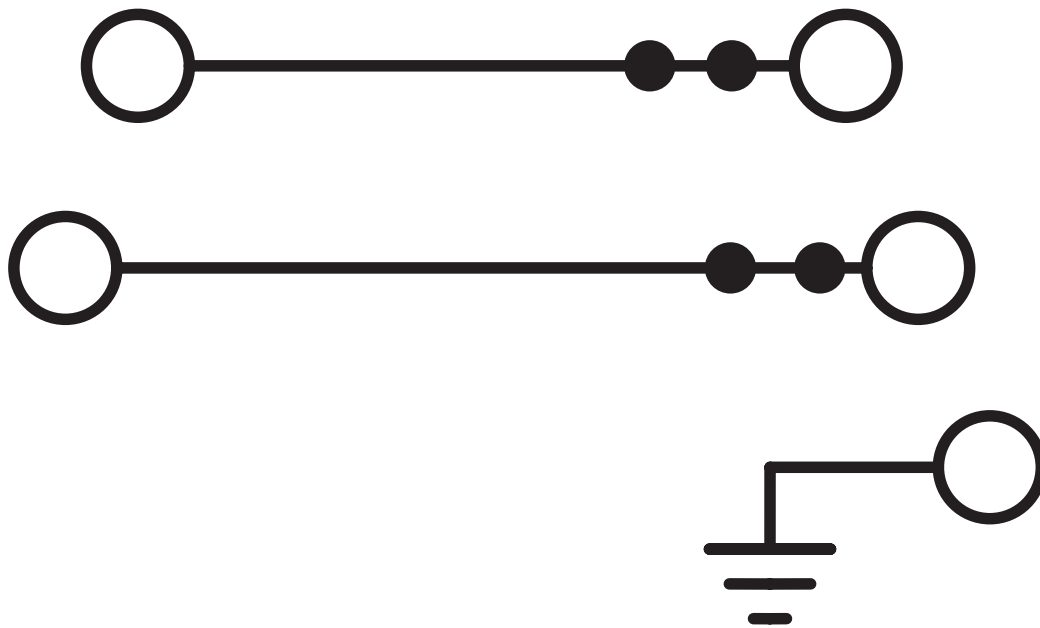
PTI 2,5-PE/LO/LO - Installation protective conductor terminal block

3213937

<https://www.phoenixcontact.com/us/products/3213937>

Drawings

Circuit diagram



PTI 2,5-PE/LO/LO - Installation protective conductor terminal block



3213937

<https://www.phoenixcontact.com/us/products/3213937>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3213937>



EAC

Approval ID: RU C-DE.BL08.B.00644



EAC

Approval ID: KZ7500651131219505

PTI 2,5-PE/LO/LO - Installation protective conductor terminal block



3213937

<https://www.phoenixcontact.com/us/products/3213937>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

PTI 2,5-PE/LO/LO - Installation protective conductor terminal block



3213937

<https://www.phoenixcontact.com/us/products/3213937>

Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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