

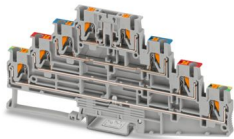
PT 2,5-PE/L RD/L BU/TG - Multi-level terminal block



1336369

<https://www.phoenixcontact.com/us/products/1336369>

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Multi-level terminal block, number of connections: 8, number of positions: 4, connection method: Push-in connection, Protective conductor connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², connection method: Push-in connection, Feed-through 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

- Time-saving conductor connection thanks to tool-free direct-connection technology
- Convenient plugging with lower insertion force
- High conductor pull-out forces due to the spring design
- Vibration-resistant and maintenance-free conductor connection
- Full flexibility thanks to the standardized CLIPLINE complete bridging, marking, and testing accessories
- Individual and easy assembly with isolating plug, fuse plug, component connector, and feed-through connector
- Optimized for manual and automated wiring
- Meet the requirements of DIN EN 60947-7-2 or IEC 60947-7-2 for protective conductor connections

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1336369 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE22 |
| Product key | BE2231 |
| GTIN | 4063151636616 |
| Weight per piece (including packing) | 32.22 g |
| Weight per piece (excluding packing) | 32.22 g |
| Customs tariff number | 85369010 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|-----------------------|-----------------------|
| Product type | Ground terminal block |
| Product family | PT |
| Number of positions | 4 |
| Number of connections | 8 |

Insulation characteristics

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

Electrical properties

| | |
|---------------------|------|
| Rated surge voltage | 6 kV |
|---------------------|------|

Connection data

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

Protective conductor connection

| | |
|---|--|
| Connection method | Push-in connection |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A3 |
| | B3 |
| Connection in acc. with standard | IEC 60947-7-2 |
| 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 ultrasound-compressed | 0.34 mm ² ... 4 mm ² |
| Conductor cross-section, flexible [AWG] ultrasound-compressed | 22 ... 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 |

Feed-through level

| | |
|---|--|
| Connection method | Push-in connection |
| Stripping length | 8 mm ... 10 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| 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 |

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| | |
|-----------------------|---|
| Nominal cross section | 2.5 mm ² |
| Nominal current | 18 A |
| Maximum load current | 20 A (with 4 mm ² conductor cross-section) |
| Nominal voltage | 500 V |

Disconnect zone

| | |
|---|---|
| Connection method | Push-in connection |
| Stripping length | 8 mm ... 10 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| 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 | 18 A |
| Maximum load current | 20 A (with 4 mm ² conductor cross-section) |
| Nominal voltage | 500 V |

Protective conductor connection Connection cross sections directly pluggable

| | |
|---|---|
| Conductor cross-section rigid | 0.34 mm ² ... 4 mm ² |
| Conductor cross-section, rigid [AWG] | 20 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.5 mm ² ... 2.5 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.5 mm ² ... 2.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.5 mm ² ... 2.5 mm ² |

Feed-through level Connection cross sections directly pluggable

| | |
|---|---|
| Conductor cross-section rigid | 0.34 mm ² ... 4 mm ² |
| Conductor cross-section, rigid [AWG] | 20 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.5 mm ² ... 2.5 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.5 mm ² ... 2.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.5 mm ² ... 2.5 mm ² |

Disconnect zone Connection cross sections directly pluggable

| | |
|---|---|
| Conductor cross-section rigid | 0.34 mm ² ... 4 mm ² |
| Conductor cross-section, rigid [AWG] | 20 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.5 mm ² ... 2.5 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.5 mm ² ... 2.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.5 mm ² ... 2.5 mm ² |

Dimensions

| | |
|--------------------|----------|
| Width | 5.2 mm |
| End cover width | 2.2 mm |
| Height | 142.4 mm |
| Depth on NS 35/7,5 | 68.6 mm |

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| | |
|-------------------|---------|
| Depth on NS 35/15 | 76.1 mm |
|-------------------|---------|

Material specifications

| | |
|--|-----------------|
| Color | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |

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 % |

Standards and regulations

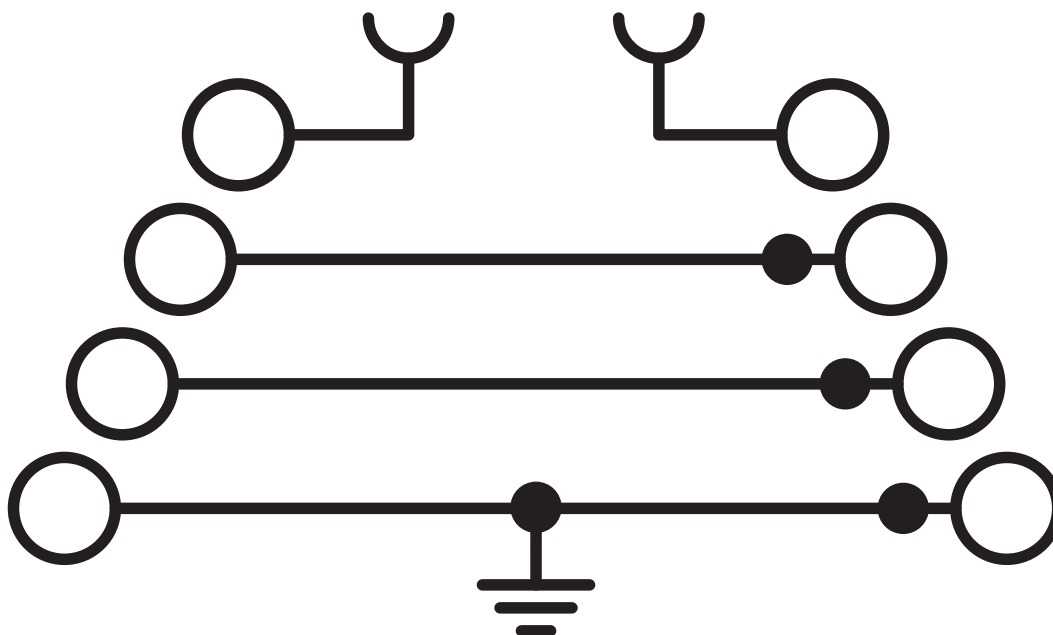
| | |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-2 |
| | IEC 60947-7-1 |
| | IEC 60947-7-1 |

Mounting

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

Drawings

Circuit diagram



PT 2,5-PE/L RD/L BU/TG - Multi-level terminal block




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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1336369>

 **CSA**
Approval ID: 13631

 **cULus Recognized**
Approval ID: E60425

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|---------------|-----------------------|-----------------------|-------------------|-----------------------------|
| B | | | | |
| | 300 V | 18 A | 26 - 12 | - |
| PE connection | - | - | 26 - 12 | - |
| C | | | | |
| | 300 V | 18 A | 26 - 12 | - |
| PE connection | - | - | 26 - 12 | - |
| F | | | | |
| | 500 V | 18 A | 26 - 12 | - |
| D | | | | |
| | 600 V | 5 A | 26 - 12 | - |
| PE connection | - | - | 26 - 12 | - |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250104 |
| ECLASS-15.0 | 27250104 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000901 |
|-----------|----------|

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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% |
|-------------------------------------|----------------------------|

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