# UK 3-TWIN-PE - Protective conductor terminal block

1923128

https://www.phoenixcontact.com/us/products/1923128

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Protective conductor terminal block, connection method: Screw connection, 1 level, cross section: 0.2 mm$^2$ - 2.5 mm$^2$, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

## Your advantages

- Same shape and pitch as the feed-through terminal blocks
- Universal protective conductor foot for mounting on NS 35... or NS 32... DIN rails (with the exception of NS 35/15-2,3)

## Commercial data

| | |
|---|---|
| Item number | 1923128 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE12 |
| Product key | BE1222 |
| GTIN | 4017918052492 |
| Weight per piece (including packing) | 20.541 g |
| Weight per piece (excluding packing) | 20.404 g |
| Customs tariff number | 85369010 |
| Country of origin | TR |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Ground terminal block |
| Product family | UK |
| Number of connections | 3 |
| Number of rows | 2 |

Insulation characteristics

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

### Electrical properties

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

### Connection data

| | |
|---|---|
| Grounding foot | Yes |
| Number of connections per level | 3 |
| Nominal cross section | 2.5 mm² |

1 level

| | |
|---|---|
| Connection method | Screw connection |
| Screw thread | M3 |
| Note | Please observe the current carrying capacity of the DIN rails. |
| Tightening torque | 0.5 ... 0.6 Nm |
| Stripping length | 8 mm |
| Connection in acc. with standard | IEC 60947-7-2 |
| Conductor cross-section rigid | 0.2 mm² ... 2.5 mm² |
| Cross section AWG | 24 ... 14 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross-section, flexible [AWG] | 24 ... 14 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm² ... 1.5 mm² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.25 mm² ... 1 mm² |
| Cross-section with insertion bridge, rigid | 4 mm² |
| Cross-section with insertion bridge, flexible | 4 mm² |

### Dimensions

| | |
|---|---|
| Width | 5.2 mm |
| Height | 50.5 mm |
| Depth on NS 32 | 52 mm |
| Depth on NS 35/7,5 | 47 mm |
| Depth on NS 35/15 | 54.5 mm |

### Material specifications

| | |
|---|---|
| Color | green-yellow |

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 125 °C |

## Mechanical properties

General

| | |
|---|---|
| Terminal block mounting | 0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5) |

Mechanical data

| | |
|---|---|
| Open side panel | No |

## 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

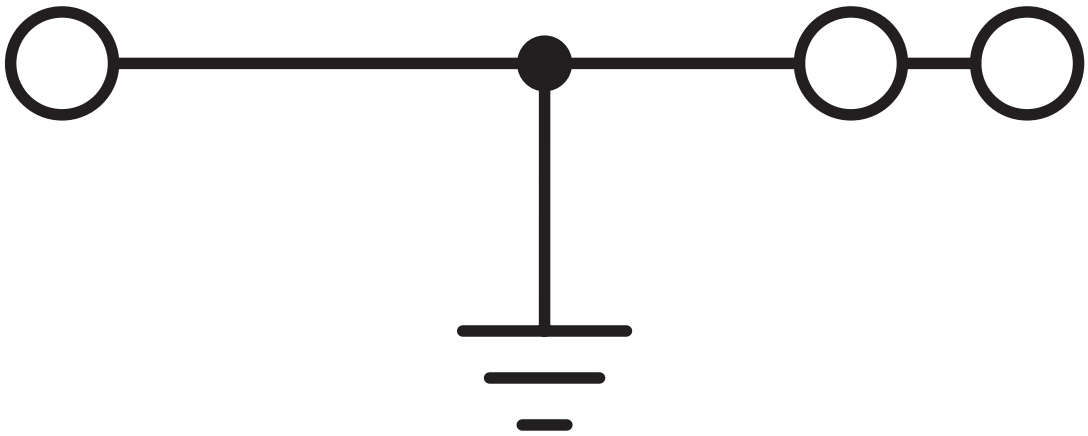
| | |
|---|---|
| Connection in acc. with standard | IEC 60947-7-2 |

## Mounting

| | |
|---|---|
| Mounting type | NS 35/7,5 |
| | NS 35/15 |
| | NS 32 |
| Terminal block mounting | 0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5) |

## Drawings

Circuit diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1923128

**cULus Recognized**
Approval ID: E60425

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| B | | | | |
| | - | - | 30 - 12 | - |
| C | | | | |
| | - | - | 30 - 12 | - |
| F | | | | |
| | - | - | 30 - 12 | - |
| D | | | | |
| | - | - | 30 - 12 | - |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27250103 |
| ECLASS-15.0 | 27250103 |

### ETIM

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

### UNSPSC

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

## 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 | e2a6a385-40d2-408c-9686-cd92569a3ea3 |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.066 kg CO2e |


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