

GE 10/2-B - Device terminal block



2701572

<https://www.phoenixcontact.com/us/products/2701572>

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Device terminal block, nom. voltage: 1000 V, nominal current: 57 A, number of connections: 4, number of positions: 1, connection method: Screw connection, Rated cross section: 10 mm², cross section: 0.5 mm² - 16 mm², mounting type: direct screw connection, color: gray

Your advantages

- Touch-proof shock protection
- Mounting with two screws per block

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2701572 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BE12 |
| Product key | BE1265 |
| GTIN | 4046356182409 |
| Weight per piece (including packing) | 52.57 g |
| Weight per piece (excluding packing) | 44 g |
| Customs tariff number | 85369010 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|-----------------------|-----------------------------|
| Product type | Feed-through terminal block |
| Number of positions | 1 |
| Number of connections | 4 |
| Number of rows | 1 |
| Potentials | 1 |

Insulation characteristics

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

Electrical properties

| | |
|---------------------|------|
| Rated surge voltage | 8 kV |
|---------------------|------|

Connection data

| | |
|---------------------------------|--------------------|
| Number of connections per level | 4 |
| Nominal cross section | 10 mm ² |

Level 1 above 1 below 1

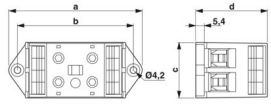
| | |
|---|--|
| Connection method | Screw connection |
| Screw thread | M4 |
| Note | Terminal point |
| Tightening torque | 1.5 ... 1.8 Nm |
| Stripping length | 10 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross-section rigid | 0.5 mm ² ... 16 mm ² |
| Cross section AWG | 20 ... 6 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.5 mm ² ... 10 mm ² |
| Conductor cross-section, flexible [AWG] | 20 ... 8 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.5 mm ² ... 10 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.5 mm ² ... 6 mm ² |
| 2 conductors with same cross section, rigid | 0.5 mm ² ... 4 mm ² |
| 2 conductors with same cross section, flexible | 0.5 mm ² ... 4 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 0.5 mm ² ... 2.5 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 6 mm ² |
| Nominal cross section | 10 mm ² |
| Nominal current | 57 A |
| Maximum load current | 76 A (with 16 mm ² conductor cross-section) |
| Nominal voltage | 1000 V |

Dimensions

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| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 24.8 mm |
| Height | 40 mm |

Material specifications

| | |
|--|------|
| Color | gray |
| Flammability rating according to UL 94 | V2 |
| Insulating material group | I |
| Insulating material | PA |

Mechanical properties

Mechanical data

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

Standards and regulations

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

Mounting

| | |
|---------------|-------------------------|
| Mounting type | direct screw connection |
|---------------|-------------------------|

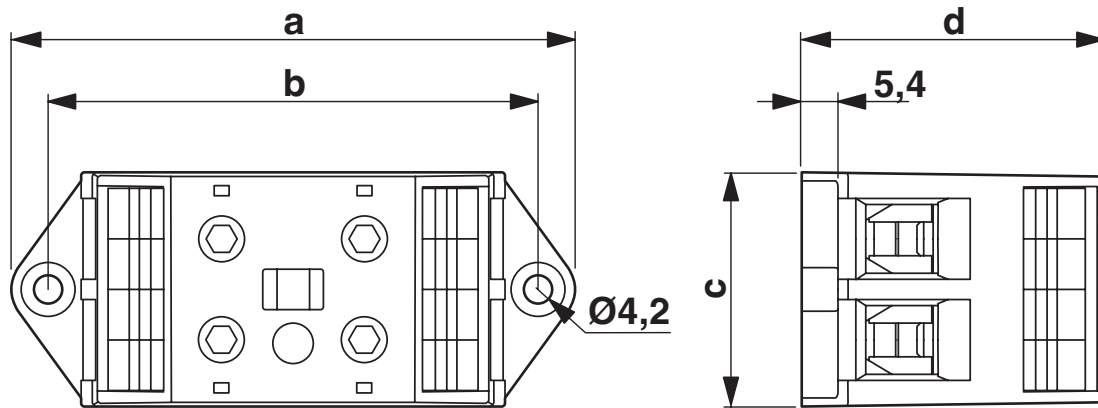
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Drawings

Dimensional drawing



Circuit diagram



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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-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.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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