

BSLK 16 - Ground terminal

0810012

<https://www.phoenixcontact.com/us/products/0810012>

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Ground terminal, number of connections: 2, number of positions: 1, connection method: Screw connection, cross section: 0.5 mm² - 16 mm², mounting type: NS 35/7,5, NS 35/15, color: silver

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0810012 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BE12 |
| Product key | BE1221 |
| GTIN | 4017918007935 |
| Weight per piece (including packing) | 13.51 g |
| Weight per piece (excluding packing) | 13.344 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-----------------------|-----------------------|
| Product type | Ground terminal block |
| Number of positions | 1 |
| Number of connections | 2 |
| Number of rows | 1 |

Insulation characteristics

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

Electrical properties

| | |
|---|------|
| Rated surge voltage | 8 kV |
| Maximum power dissipation for nominal condition | 0 W |

Connection data

| | |
|---|--|
| Grounding foot | Yes |
| Number of connections per level | 2 |
| Screw thread | M4 |
| Note | Please observe the current carrying capacity of the DIN rails. |
| Tightening torque | 1.5 ... 1.8 Nm |
| Stripping length | 7 mm |
| Connection in acc. with standard | IEC 60947-7-2 |
| 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 ... 10 mm ² |

Dimensions

| | |
|--------------------|---------|
| Width | 8 mm |
| Height | 50 mm |
| Depth on NS 35/7,5 | 34 mm |
| Depth on NS 35/15 | 41.5 mm |

Material specifications

| | |
|--|--------|
| Color | silver |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |

Mechanical properties

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Mechanical data

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

Environmental and real-life conditions

Ambient conditions

| | |
|--|---|
| Ambient temperature (operation) | -60 °C ... 85 °C |
| Ambient temperature (storage/transport) | -25 °C ... 55 °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 (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 |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141141 |
| ECLASS-13.0 | 27250103 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000901 |
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UNSPSC

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

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values |
|------------|---|

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