

## Ground modular terminal block - BSLK 16 - 0810012

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Ground modular terminal block, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG: 20 - 6, width: 8 mm, color: silver, mounting type: NS 35/7,5, NS 35/15

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 10 pc                                                                                                   |
| GTIN         | <br>4 017918 007935 |
| GTIN         | 4017918007935                                                                                           |

### Technical data

#### General

|                                          |                                                                        |
|------------------------------------------|------------------------------------------------------------------------|
| Number of positions                      | 1                                                                      |
| Number of levels                         | 1                                                                      |
| Number of connections                    | 2                                                                      |
| Color                                    | silver                                                                 |
| Insulating material                      | PA                                                                     |
| Flammability rating according to UL 94   | V0                                                                     |
| Rated surge voltage                      | 8 kV                                                                   |
| Degree of pollution                      | 3                                                                      |
| Overvoltage category                     | III                                                                    |
| Insulating material group                | I                                                                      |
| Open side panel                          | Yes                                                                    |
| Ambient temperature (operation)          | -60 °C ... 85 °C                                                       |
| Ambient temperature (storage/transport)  | -25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C) |
| Permissible humidity (storage/transport) | 30 % ... 70 %                                                          |
| Ambient temperature (assembly)           | -5 °C ... 70 °C                                                        |
| Ambient temperature (actuation)          | -5 °C ... 70 °C                                                        |

#### Dimensions

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## Technical data

### Dimensions

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

### Connection data

|                                                                                                        |                                                                |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Note                                                                                                   | Please observe the current carrying capacity of the DIN rails. |
| Connection method                                                                                      | Screw connection                                               |
| Screw thread                                                                                           | M4                                                             |
| Stripping length                                                                                       | 7 mm                                                           |
| Tightening torque, min                                                                                 | 1.5 Nm                                                         |
| Tightening torque max                                                                                  | 1.8 Nm                                                         |
| Connection in acc. with standard                                                                       | IEC 60947-7-2                                                  |
| Conductor cross section solid min.                                                                     | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section solid max.                                                                     | 16 mm <sup>2</sup>                                             |
| Conductor cross section AWG min.                                                                       | 20                                                             |
| Conductor cross section AWG max.                                                                       | 6                                                              |
| Conductor cross section flexible min.                                                                  | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section flexible max.                                                                  | 10 mm <sup>2</sup>                                             |
| Min. AWG conductor cross section, flexible                                                             | 20                                                             |
| Max. AWG conductor cross section, flexible                                                             | 8                                                              |
| Conductor cross section flexible, with ferrule without plastic sleeve min.                             | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section flexible, with ferrule without plastic sleeve max.                             | 10 mm <sup>2</sup>                                             |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                                | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                                | 10 mm <sup>2</sup>                                             |
| 2 conductors with same cross section, solid min.                                                       | 0.5 mm <sup>2</sup>                                            |
| 2 conductors with same cross section, solid max.                                                       | 4 mm <sup>2</sup>                                              |
| 2 conductors with same cross section, stranded min.                                                    | 0.5 mm <sup>2</sup>                                            |
| 2 conductors with same cross section, stranded max.                                                    | 4 mm <sup>2</sup>                                              |
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum | 0.5 mm <sup>2</sup>                                            |
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum | 6 mm <sup>2</sup>                                              |
| Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum  | 0.5 mm <sup>2</sup>                                            |
| Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum  | 4 mm <sup>2</sup>                                              |

### Standards and Regulations

|                                        |               |
|----------------------------------------|---------------|
| Connection in acc. with standard       | IEC 60947-7-2 |
| Flammability rating according to UL 94 | V0            |

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---------------------------------------------------------|

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### Technical data

#### Environmental Product Compliance

|  |                                                |
|--|------------------------------------------------|
|  | No hazardous substances above threshold values |
|--|------------------------------------------------|

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141141 |
| eCl@ss 4.0    | 27141100 |
| eCl@ss 4.1    | 27141100 |
| eCl@ss 5.0    | 27141100 |
| eCl@ss 5.1    | 27141100 |
| eCl@ss 6.0    | 27141100 |
| eCl@ss 7.0    | 27141141 |
| eCl@ss 8.0    | 27141141 |
| eCl@ss 9.0    | 27141141 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |
| ETIM 6.0 | EC000901 |
| ETIM 7.0 | EC000901 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |
| UNSPSC 18.0   | 39121410 |
| UNSPSC 19.0   | 39121410 |
| UNSPSC 20.0   | 39121410 |
| UNSPSC 21.0   | 39121410 |

### Approvals

#### Approvals

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Approvals

EAC / EAC

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### Approvals

Ex Approvals

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#### Approval details

|     |                                                                                   |               |
|-----|-----------------------------------------------------------------------------------|---------------|
| EAC |  | EAC-Zulassung |
|-----|-----------------------------------------------------------------------------------|---------------|

|     |                                                                                   |                          |
|-----|-----------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.BL08.B.00534 |
|-----|-----------------------------------------------------------------------------------|--------------------------|

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