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## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Ground modular terminal block - USLKG35-1 - 0449014

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Ground modular terminal block, Connection method: Screw connection, Load current : 150 A, Cross section: 0.75 mm<sup>2</sup> - 50 mm<sup>2</sup>, AWG 18 - 2, Width: 15.2 mm, Color: green-yellow

### Product description

Ground modular terminal block, Connection method: Screw connection, Load current : 150 A, Cross section: 0.75 mm<sup>2</sup> - 50 mm<sup>2</sup>, AWG 18 - 2, Width: 15.2 mm, Color: green-yellow



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1   |
| Minimum order quantity               | 1   |
| Catalog page                         | Page 219 (CL-2005)  |
| GTIN                                 | <br>4 017918 002350 |
| Weight per piece (including packing) | 0.0 GRM   |
| Weight per Piece (excluding packing) | 84.67 GRM   |
| Country of origin                    | GERMANY   |

### Technical data

#### General

|   |   |
|---|---|
| Note                                    | Use an NS 35/15-2.3 copper DIN rail for connection cross sections $\geq 35 \text{ mm}^2/2 \text{ AWG}$ . When aligning with a feed-through terminal block of the same shape, a cover must be used for insulation voltages $> 690 \text{ V}$ . |
| Number of levels                        | 1   |
| Number of connections                   | 2   |
| Color                                   | green-yellow  |
| Insulating material                     | PA  |
| Inflammability class according to UL 94 | V0  |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 15.2 mm |
| Length           | 50 mm   |
| Height NS 35/7.5 | 62 mm   |

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## Technical data

### Technical data

|                                  |   |
|----------------------------------|---|
| Maximum load current             | 150 A (with 50 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 kV  |
| Pollution degree                 | 3   |
| Surge voltage category           | III   |
| Insulating material group        | I   |
| Connection in acc. with standard | IEC 60947-7-2   |
| Nominal current I <sub>N</sub>   | 150 A   |
| Open side panel                  | nein  |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.75 mm <sup>2</sup> |
| Conductor cross section solid max.  | 50 mm <sup>2</sup>   |
| Conductor cross section stranded min.   | 0.75 mm <sup>2</sup> |
| Conductor cross section stranded max.   | 35 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.  | 18                   |
| Conductor cross section AWG/kcmil max   | 1/0                  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.75 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 35 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.75 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 35 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid min.  | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.  | 16 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 10 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 10 mm <sup>2</sup>   |
| Connection method   | Screw connection     |
| Stripping length  | 15 mm                |
| Screw thread  | M6                   |
| Tightening torque, min  | 3.2 Nm               |
| Tightening torque max   | 3.7 Nm               |

## Classifications

### eClass

|            |          |
|------------|----------|
| eClass 4.0 | 27141120 |
|------------|----------|

## Ground modular terminal block - USLKG35-1 - 0449014

### Classifications

#### eclass

|            |          |
|------------|----------|
| eClass 4.1 | 27141120 |
| eClass 5.0 | 27141120 |
| eClass 5.1 | 27141120 |
| eClass 6.0 | 27141120 |

#### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |

#### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### Approvals

#### Certificates

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##### Certification

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

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##### Certification EX

IECEX / ATEX

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##### Certification submitted

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#### Approval details

|                            |      |
|----------------------------|------|
| CSA                        |      |
|                            |      |
| mm <sup>2</sup> /AWG/kcmil | 18-2 |

|                            |    |
|----------------------------|----|
| UL Recognized              |    |
|                            |    |
| mm <sup>2</sup> /AWG/kcmil | 18 |



## Ground modular terminal block - USLKG35-1 - 0449014

### Approvals

|                |    |
|----------------|----|
| cUL Recognized |    |
| mm²/AWG/kcmil  | 18 |

|      |
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| GOST |
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|      |
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| GOST |
|------|

|                  |
|------------------|
| cULus Recognized |
|------------------|

### Accessories

#### Accessories

#### Assembly

DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

### Marking

Zack marker strip - ZB10:SO/CMS - 1050525



Zack marker strip, white, For terminal block width: 10 mm

Marker cards - SBS10:UNBEDRUCKT - 1007248

Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Perforated, Mounting type: Snap into tall marker groove,

