

## Ground modular terminal block - USLKG16 N - 0443023

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Ground modular terminal block, Connection method: Screw connection, Cross section: 2.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 12 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15, NS 32

### Product description

Ground modular terminal block, Connection method: Screw connection, Cross section: 2.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 12 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15, NS 32



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1   |
| Minimum order quantity               | 50  |
| Catalog page                         | Page 413 (CL1-2011)   |
| GTIN                                 | <br>4 017918 002268 |
| Weight per piece (including packing) | 0.0 GRM   |
| Weight per Piece (excluding packing) | 37.64 GRM   |
| Country of origin                    | CHINA   |

### Technical data

#### General

|   |   |
|---|---|
| Note                                    | When aligning with a feed-through terminal block with the same shape, an end cover must be interposed with insulation voltages of > 690 V |
| Number of levels                        | 1   |
| Number of connections                   | 2   |
| Color                                   | green-yellow  |
| Insulating material                     | PA  |
| Inflammability class according to UL 94 | V0  |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 12.2 mm |
| Length           | 42.5 mm |
| Height NS 35/7.5 | 54 mm   |
| Height NS 35/15  | 61.5 mm |

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## Technical data

### Dimensions

|              |       |
|--------------|-------|
| Height NS 32 | 59 mm |
|--------------|-------|

### Technical data

|                                  |   |
|----------------------------------|---|
| Maximum load current             | 101 A (with 25 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>   | 76 A  |
| Open side panel                  | nein  |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 2.5 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 25 mm <sup>2</sup>   |
| Conductor cross section stranded min.   | 4 mm <sup>2</sup>    |
| Conductor cross section stranded max.   | 16 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.  | 12                   |
| Conductor cross section AWG/kcmil max   | 4                    |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 16 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 16 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid min.  | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 6 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 4 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. | 10 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 6 mm <sup>2</sup>    |
| Connection method   | Screw connection     |
| Stripping length  | 11 mm                |
| Screw thread  | M4                   |
| Tightening torque, min  | 1.5 Nm               |
| Tightening torque max   | 1.8 Nm               |

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## Classifications

### eclass

|            |          |
|------------|----------|
| eClass 4.0 | 27141120 |
| 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 / LR / BV / DNV / RS / ABS / PRS / KR / NK / GL / 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 | 22-4 |

|                            |      |
|----------------------------|------|
| UL Recognized              |      |
| mm <sup>2</sup> /AWG/kcmil | 22-4 |

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## Approvals

|                            |      |
|----------------------------|------|
| cUL Recognized             |      |
| mm <sup>2</sup> /AWG/kcmil | 22-4 |

GOST

LR

BV

DNV

RS

|                            |      |
|----------------------------|------|
| ABS                        |      |
| mm <sup>2</sup> /AWG/kcmil | 22-4 |

PRS

KR

NK

GL

GOST

cULus Recognized

## Accessories

Accessories

Assembly

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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### Accessories

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DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 32 CU/120QMM UNPERF 2000MM - 1201280



G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 35/15 UNPERF 2000MM - 1201714



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

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DIN rail - NS 32 CU/35QMM UNPERF 2000MM - 1201358



G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

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## Ground modular terminal block - USLKG16 N - 0443023

### Accessories

DIN rail - NS 32 UNPERF 2000MM - 1201015

G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m



DIN rail - NS 32 PERF 2000MM - 1201002

G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m



DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895

DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m



DIN rail perforated - NS 35/15 PERF 2000MM - 1201730

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 m



DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 m



### Marking

## Ground modular terminal block - USLKG16 N - 0443023

### Accessories

#### Marker for terminal blocks - UC-TM 12 - 0819194

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Bluemark, Plotter, Mounting type: Snap into tall marker



#### Marker for terminal blocks - UC-TM 12 CUS - 0824613

Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker



#### Zack marker strip - ZB 12:UNPRINTED - 0812120

Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For term



#### Zack marker strip - ZB 12 CUS - 0824942

Zack marker strip, Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, F



#### Marker for terminal blocks - UCT-TM 12 - 0829144

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C, Bluemark, Mounting type: Snap into



#### Marker for terminal blocks - UCT-TM 12 CUS - 0829630

Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker



## Ground modular terminal block - USLKG16 N - 0443023

### Accessories

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### Drawings

#### Circuit diagram



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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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