

## Feed-through modular terminal block - SSK 0525 KER-EX - 0501059

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Feed-through terminal block, connection method: screw connection, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, 24 - 12 AWG, width: 6.2 mm, color: white, mounting type: NS 32, insulation material: ceramic

### Product description

Feed-through terminal block, connection method: screw connection, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, 24 - 12 AWG, width: 6.2 mm, color: white, mounting type: NS 32, insulation material: ceramic

### Why buy this product

- ☒ Compact design
- ☒ Mounting on NS 32 G DIN rail
- ☒ Easy potential distribution thanks to chain bridging



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1                                                                                                       |
| Minimum order quantity               | 50                                                                                                      |
| Catalog page                         | Page 503 (CL1-2011)                                                                                     |
| GTIN                                 | <br>4 017918 002480 |
| Weight per piece (including packing) | 0.0 GRM                                                                                                 |
| Weight per Piece (excluding packing) | 18.78 GRM                                                                                               |
| Country of origin                    | GERMANY                                                                                                 |

### Technical data

#### General

|                       |         |
|-----------------------|---------|
| Number of levels      | 1       |
| Number of connections | 2       |
| Color                 | white   |
| Insulating material   | Keramik |

#### Dimensions

|        |        |
|--------|--------|
| Width  | 6.2 mm |
| Length | 38 mm  |

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## Technical data

### Dimensions

|              |       |
|--------------|-------|
| Height NS 32 | 48 mm |
|--------------|-------|

### Technical data

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Maximum load current             | 32 A (with 4 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 60947-7-1                                         |
| Nominal current I <sub>N</sub>   | 24 A                                                  |
| Nominal voltage U <sub>N</sub>   | 690 V                                                 |
| Open side panel                  | ja                                                    |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max                                                   | 12                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Connection method                                                                       | Screw connection     |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A3                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |

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## Technical data

### Connection data

|                       |        |
|-----------------------|--------|
| Tightening torque max | 0.8 Nm |
|-----------------------|--------|

## 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 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |

### 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 / GOST

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#### Certification EX

IECEX / ATEX / GL

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Certification submitted

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### Approval details

## Feed-through modular terminal block - SSK 0525 KER-EX - 0501059

### Approvals

|                                |       |
|--------------------------------|-------|
| CSA                            |       |
| mm²/AWG/kcmil                  | 22-12 |
| Nominal current I <sub>N</sub> | 20 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

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

### Accessories

#### Accessories

#### Assembly

End cover - D-SSK 0525 KER - 0201061

End cover, length: 38 mm, width: 4.2 mm, color: gray, insulation material: ceramic



DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

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

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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### 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



### Bridges

Chain bridge - KB- 6 - 0201472

Chain bridge, Number of positions: 1, Color: silver



End clamp - E/1 - 1201044

End clamp, width: 8 mm



### Drawings

Circuit diagram

