

## Feed-through 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 Features

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



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| Minimum order quantity               | 50 pc   |
| GTIN                                 | <br>4 017918 002480 |
| Weight per Piece (excluding packing) | 20.15 GRM   |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Germany   |

### Technical data

#### General

|   |   |
|---|---|
| Number of levels                        | 1   |
| Number of connections                   | 2   |
| Color                                   | white   |
| Insulating material                     | Keramik   |
| Inflammability class according to UL 94 | V0  |
| Maximum load current                    | 32 A (with 4 mm <sup>2</sup> conductor cross section) |

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### Technical data

#### General

|                                  |               |
|----------------------------------|---------------|
| 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 $I_N$            | 24 A          |
| Nominal voltage $U_N$            | 690 V         |
| Open side panel                  | ja            |

#### Dimensions

|              |        |
|--------------|--------|
| Width        | 6.2 mm |
| Length       | 38 mm  |
| Height NS 32 | 48 mm  |

#### Connection data

|   |                      |
|---|----------------------|
| Connection in acc. with standard  | IEC 60947-7-1        |
| Connection method   | Screw connection     |
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 24                   |
| Conductor cross section AWG/kcmil max.  | 12                   |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 4 mm <sup>2</sup>    |
| Min. AWG conductor cross section, stranded  | 24                   |
| Max. AWG conductor cross section, stranded  | 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> |

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### Technical data

#### Connection data

|   |                     |
|---|---------------------|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm <sup>2</sup> |
| Stripping length  | 9 mm                |
| Internal cylindrical gage   | A3                  |
| Screw thread  | M3                  |
| Tightening torque, min  | 0.6 Nm              |
| Tightening torque max   | 0.8 Nm              |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

#### UNSPSC

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

### Approvals

#### Approvals

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Approvals

CSA / GOST

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

### Approvals

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Ex Approvals


IECEX / ATEX / GL


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Approvals submitted

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### Approval details

|   |       |
|---|-------|
| CSA  |       |
| mm²/AWG/kcmil   | 22-12 |
| Nominal current IN  | 20 A  |
| Nominal voltage UN  | 600 V |

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

### Accessories

Accessories

Bridge

Chain bridge - KB- 6 - 0201472



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

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End block

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

### Accessories

End clamp - E/1 - 1201044



End clamp, width: 8 mm

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### End cover

End cover - D-SSK 0525 KER - 0201061



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

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### Mounting rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



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

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015



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

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### Drawings

Circuit diagram



