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# 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 mm² - 4 mm², 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 | 50 STK |
| GTIN | 4 017918 002480 |

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 2.5 mm² |
| Color | white |
| Insulating material | Keramik |
| Flammability rating according to UL 94 | V0 |
| Maximum load current | 32 A (with 4 mm² conductor cross section) |
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 32 A (with 4 mm² conductor cross section) |

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

## Technical data

### General

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

### Dimensions

| | |
|---|---|
| Width | 6.2 mm |
| End cover width | 3.5 mm |
| Length | 38 mm |
| Height NS 32 | 48 mm |

### Connection data

| | |
|---|---|
| Connection method | Screw connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 4 mm² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.2 mm² |
| Conductor cross section flexible max. | 4 mm² |
| Min. AWG conductor cross section, flexible | 24 |
| Max. AWG conductor cross section, flexible | 12 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 1.5 mm² |
| 2 conductors with same cross section, solid min. | 0.2 mm² |
| 2 conductors with same cross section, solid max. | 1.5 mm² |
| 2 conductors with same cross section, stranded min. | 0.2 mm² |
| 2 conductors with same cross section, stranded max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm² |
| Connection in acc. with standard | IEC/EN 60079-7 |
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 4 mm² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.2 mm² |

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

## Technical data

### Connection data

| | |
|---|---|
| Conductor cross section flexible max. | 2.5 mm² |
| Stripping length | 9 mm |
| Internal cylindrical gage | A3 |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

### Standards and Regulations

| | |
|---|---|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |

## 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 |
| eCl@ss 9.0 | 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

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

## Approvals

Approvals

CSA / EAC / EAC

Ex Approvals

IECEx / ATEX / EAC Ex / GL

Approvals submitted

## Approval details

CSA

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

EAC

EAC

## Drawings

Circuit diagram



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