

General ordering data

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| Order No. | 0270320000 |
| Part designation | RSF 1 KRG |
| Version | Feed-through terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32 |
| EAN | 4008190009922 |
| Qty. | 50 pc(s). |

Product notes

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| Note, technical data | When used with an AWG 8/7 conductor, the tightening torque is 1.6 Nm. |
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Additional technical data

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| Colour of insulating material | Medium yellow |
| Connection direction | on side |
| End plate required | Yes |
| Explosion-tested version "Ex e" | No |
| Installation advice | TS 32 |
| Insulating material | KrG |
| Levels cross-connected internally | No |
| No. of identical terminals | 1 |
| No. of levels | 1 |
| No. of terminal strips per level | 2 |
| Open sides | right |
| Operating temperature range | - 60 °C, + 130 °C |
| Product family | SAK Series |
| Type of connection | Screwed |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | 5VA |
| Version | Feed-through terminal |

CSA rating data

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|--------------------------|--------|
| Voltage (CSA) | 300 V |
| CSA current | 50 A |
| Min. cross-section (CSA) | AWG 14 |
| Max. cross-section (CSA) | AWG 8 |

Conductors for clamping (rated connection)

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|--|---------------------|
| Clamping range, min. | 0.5 mm ² |
| Clamping range, max. | 10 mm ² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 2 |
| Stripping length | 15 mm |
| Clamping screw | M 4 |
| Blade size | 1.0 x 5.5 mm |
| Tightening torque range | 1.2...1.6 Nm |
| Torque level with DMS electric screwdriver | 4 |
| Gauge to IEC 60947-1 | A5 |
| Solid, min. | 0.5 mm ² |

Conductors for clamping (rated connection)

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|---|---------------------|
| Solid, max. | 10 mm ² |
| Stranded, min. | 0.5 mm ² |
| Stranded, max. | 10 mm ² |
| Flexible, min. | 1.5 mm ² |
| Flexible, max. | 4 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 6 mm ² |

Dimensions

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|--------------------------|-------|
| Width | 11 mm |
| Height of lowest version | 60 mm |
| Length | 50 mm |

Disconnect terminals

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|--|---|
| Torque level with DMS electric screwdriver | 4 |
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Rating data

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|-----------------------------|--------------------|
| Rated cross-section | 10 mm ² |
| Rated voltage | 500 V |
| Rated impulse voltage | 6 kV |
| Rated current | 57 A |
| Standards | IEC 60947-7-1 |
| Current with max. conductor | 57 A |
| Pollution severity | 3 |

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| eClass 4.1 | 27-14-11-20 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|---|
| 0623320000 | RSF 2 | Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, beige, TS 32 |