# SAK Series
# RSF 3 PA

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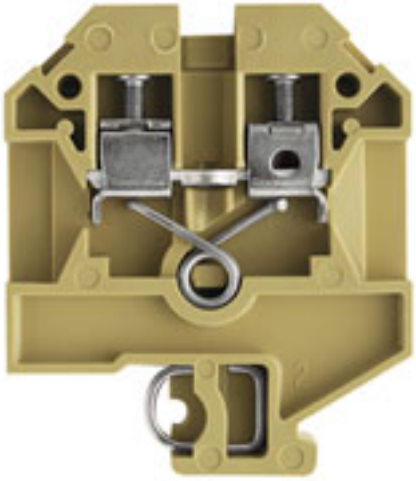

In order to do justice to the different requirements placed on our products, it is necessary to use various insulating materials tailored to the particular application. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, we ensure that all our materials are free from cadmium. Furthermore, they contain no colour pigments based on heavy metals and do not lead to the formation of dioxin/furan.

## General ordering data

| | |
|---|---|
| Type | RSF 3 PA |
| Order No. | 0497560000 |
| GTIN (EAN) | 4008190158590 |
| Qty. | 50 pc(s). |

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## Technische Daten

### Dimensions and weights

| | | | |
|---|---|---|---|
| Length | 50 mm | Width | 8 mm |
| Height | 60 mm | Height of lowest version | 60 mm |
| Net weight | 18.7 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Operating temperature | | Storage temperature | |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 100 °C |

### Additional technical data

| | | | |
|---|---|---|---|
| Explosion-tested version | No | Installation advice | Direct mounting |
| Number of similar terminals | 1 | Open sides | right |
| Type of mounting | Snap-on | Version | Screw connection, with spring-loaded cable clamp, for screwable cross-connection, One end without connector |

### CSA ratings data

| | | | |
|---|---|---|---|
| Certificate No. (CSA) | 12400-275 | Voltage size B (CSA) | 600 V |
| Voltage size C (CSA) | 600 V | Voltage size D (CSA) | 600 V |
| Current size B (CSA) | 25 A | Current size C (CSA) | 25 A |
| Current size D (CSA) | 5 A | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 22 AWG | | |

### Clampable wires (rated connection)

| | | | |
|---|---|---|---|
| Type of connection | Screw connection | Stripping length | 12 mm |
| Blade size | 0.6 x 3.5 mm | Connection direction | on side |
| Number of connections | 2 | Clamping range, rated connection, min. | 0.33 mm² |
| Clamping range, rated connection, max. | 4 mm² | Clamping screw | M 3 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 1 Nm |
| Torque level with DMS electric screwdriver | 2 | Wire connection cross section, solid core, max. rated connection | 0.5 mm² |
| Wire connection cross section, solid core max. rated connection | 4 mm² | Wire connection cross section, stranded, rated connection, min. | 0.75 mm² |
| Wire connection cross section, stranded, rated connection, max. | 4 mm² | Wire connection cross section, finely stranded, max. | 4 mm² |
| Wire connection cross-section, finely stranded, min. | 0.5 mm² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 4 mm² | | |

### Rated data

| | | | |
|---|---|---|---|
| Rated cross-section | 4 mm² | Rated voltage | 630 V |
| Rated impulse withstand voltage | 6 kV | Rated current | 32 A |
| Current at maximum wires | 32 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

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## Technische Daten

### UL ratings data

| | | | |
|---|---|---|---|
| Certificate No. (UR) | E60693 | Voltage size C (UR) | 600 V |
| Current size C (UR) | 20 A | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 12 AWG |

### Material data

| | | | |
|---|---|---|---|
| Material | PA 66 | Colour | Beige |
| UL 94 flammability rating | V-2 | | |

### System specifications

| | | | |
|---|---|---|---|
| Product family | SAK Series | Type of connection | Screw connection |
| Connection direction | on side | Number of levels | 1 |
| Number of connections | 2 | No. of clamping points per level | 2 |
| Levels cross-connected internally | No | Mounting rail | TS 32 |
| End cover plate required | Yes | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 3.0 | EC000897 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-20 | eClass 6.2 | 27-14-11-20 |
| eClass 7.1 | 27-14-11-20 | | |

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |