

## Excellent Integrated System Limited

Stocking Distributor

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[0297520000](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**General ordering data**

|                  |   |
|------------------|---|
| Order No.        | 0297520000  |
| Part designation | SAKS 3 G/5X30 500V  |
| Version          | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| EAN              | 4008190128401   |
| Qty.             | 20 pc(s).   |

**Product notes**

|                     |   |
|---------------------|---|
| Note, ordering data | SAKS 3 1"x1/4" with a red cap available under 0211120000. |
|---------------------|---|

**Additional technical data**

|  |                   |
|--|-------------------|
| 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  | Fuse terminal     |

**CSA rating data**

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 600 V  |
| CSA current              | 10 A   |
| Min. cross-section (CSA) | AWG 22 |
| Max. cross-section (CSA) | AWG 10 |

**Conductors for clamping (additional connection)**

|  |                     |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 10 mm <sup>2</sup>  |

**Conductors for clamping (rated connection)**

|                        |                      |
|------------------------|----------------------|
| Clamping range, min.   | 0.33 mm <sup>2</sup> |
| Clamping range, max.   | 16 mm <sup>2</sup>   |
| Type of connection     | Screw connection     |
| 2nd type of connection | screwed              |
| Connection direction   | on side              |
| No. of connections     | 2                    |
| Stripping length       | 12 mm                |
| Clamping screw         | M 4                  |

**Conductors for clamping (rated connection)**

|  |                      |
|--|----------------------|
| Blade size                                 | 1.0 x 5.5 mm         |
| Tightening torque range                    | 1.2...2.4 Nm         |
| Torque level with DMS electric screwdriver | 4                    |
| Gauge to IEC 60947-1                       | B6                   |
| Solid, min.                                | 0.5 mm <sup>2</sup>  |
| Solid, max.                                | 16 mm <sup>2</sup>   |
| Stranded, min.                             | 1.5 mm <sup>2</sup>  |
| Stranded, max.                             | 10 mm <sup>2</sup>   |
| Flexible, min.                             | 0.5 mm <sup>2</sup>  |
| Flexible, max.                             | 10 mm <sup>2</sup>   |
| Flexible with ferrule, min. (DIN 46228/1)  | 0.5 mm <sup>2</sup>  |
| Flexible with ferrule, max. (DIN 46228/1)  | 10 mm <sup>2</sup>   |
| AWG conductor size, min.                   | AWG 22               |
| AWG conductor size, max.                   | AWG 10               |
| AWG conductor size, min.                   | 0.33 mm <sup>2</sup> |
| AWG conductor size, max.                   | 5.26 mm <sup>2</sup> |

**Dimensions**

|                          |       |
|--------------------------|-------|
| Width                    | 13 mm |
| Height of lowest version | 61 mm |
| Length                   | 54 mm |
| TS 32 offset             | 27 mm |

**Disconnect terminals**

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

**Display element**

|                                     |       |
|-------------------------------------|-------|
| Operating voltage for display, max. | 500 V |
| Type of voltage for indicator       | AC/DC |

**Fuse terminals**

|                                |              |
|--------------------------------|--------------|
| Cartridge fuse                 | G-Si. 5 x 30 |
| Display                        | Without LED  |
| Fuse holder (cartridge holder) | pluggable    |
| Operating voltage, max.        | 500          |
| Type of voltage for indicator  | AC/DC        |

**Rating data**

|                             |                    |
|-----------------------------|--------------------|
| Rated cross-section         | 10 mm <sup>2</sup> |
| Rated voltage               | 500 V              |
| Rated impulse voltage       | 6 kV               |
| Rated current               | 10 A               |
| Current with max. conductor | 10 A               |
| Pollution severity          | 3                  |

**UL rating data**

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 10 A   |
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 8  |

### Approvals

Approvals institutes



### Classifications

|            |             |
|------------|-------------|
| ETIM 2.0   | EC000899    |
| ETIM 3.0   | EC000899    |
| eClass 4.1 | 27-14-11-16 |
| eClass 5.0 | 27-14-11-16 |
| eClass 5.1 | 27-14-11-16 |

### Similar products

| Order No.  | Part designation        | Version   |
|------------|-------------------------|---|
| 0385320000 | SAKS 1/32 G20 GL 115VAC | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0306120000 | SAKS 1/32 G20 GL 230VAC | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0309320000 | SAKS 1/32 G25 GL 230VAC | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0191220000 | SAKS 1/G20              | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0191120000 | SAKS 1/G25              | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0206820000 | SAKS 2                  | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0321320000 | SAKS 4                  | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0162220000 | SAKS 4 USA              | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0531820000 | SAKS 6/GZ 500AC         | Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |