

**SAK Series**  
**SAKS 3/35 GZ/6.3X32****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
www.weidmueller.com**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

|            |   |
|------------|---|
| Type       | SAKS 3/35 GZ/6.3X32   |
| Order No.  | <a href="#">0667520000</a>  |
| Version    | SAK Series, Fuse terminal, Rated cross-section: 10 mm <sup>2</sup> , Screw connection, Medium Yellow, Direct mounting |
| GTIN (EAN) | 4008190093976   |
| Qty.       | 20 pc(s).   |

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www.weidmueller.com**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 13 mm   | Width (inches)  | 0.512 inch |
| Height     | 54 mm   | Height (inches) | 2.126 inch |
| Depth      | 53.5 mm | Depth (inches)  | 2.106 inch |
| Net weight | 40.4 g  |                 |            |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

**Material data**

|                           |          |        |               |
|---------------------------|----------|--------|---------------|
| Material                  | KrG      | Colour | Medium Yellow |
| UL 94 flammability rating | V-0, 5VA |        |               |

**System specifications**

|                                   |   |                               |     |
|-----------------------------------|---|-------------------------------|-----|
| Version                           | Screw connection, Fuse cartridge, One end without connector | End cover plate required      | Yes |
| Number of potentials              | 1   | Number of levels              | 1   |
| No. of clamping points per level  | 2   | Number of potentials per tier | 1   |
| Levels cross-connected internally | No  | PE connection                 | No  |
| Mounting rail                     | TS 35   | N-function                    | No  |
| PE function                       | No  | PEN function                  | No  |

**Additional technical data**

|                             |         |                     |                 |
|-----------------------------|---------|---------------------|-----------------|
| Explosion-tested version    | No      | Installation advice | Direct mounting |
| Number of similar terminals | 1       | Open sides          | right           |
| Type of mounting            | Snap-on |                     |                 |

**CSA rating data**

|                               |           |                               |        |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA)         | 12400-198 | Current size C (CSA)          | 10 A   |
| Voltage size C (CSA)          | 600 V     | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 22 AWG    |                               |        |

## SAK Series

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## Technical data

### Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 1.0 x 5.5 mm         | Clamping range, rated connection, max.  | 16 mm <sup>2</sup>  |
| Clamping range, rated connection, min.  | 0.33 mm <sup>2</sup> | Clamping screw  | M 4                 |
| Connection direction  | on side              | Gauge to IEC 60947-1  | B6                  |
| Number of connections   | 2                    | Stripping length  | 12 mm               |
| Tightening torque, max.   | 2.4 Nm               | Tightening torque, min.   | 1.2 Nm              |
| Torque level with DMS electric screwdriver  | 4                    | Type of connection  | Screw connection    |
| Wire connection cross section AWG, max.   | AWG 10               | Wire connection cross section AWG, min.   | AWG 22              |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 10 mm <sup>2</sup>   | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.  | 10 mm <sup>2</sup>   | Wire connection cross section, solid core max. rated connection   | 16 mm <sup>2</sup>  |
| Wire connection cross section, solid core, min. rated connection  | 0.5 mm <sup>2</sup>  | Wire connection cross section, stranded, rated connection, max.   | 10 mm <sup>2</sup>  |
| Wire connection cross section, stranded, rated connection, min.   | 1.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded, min.  | 0.5 mm <sup>2</sup> |

### Display element

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

### Fuse terminals

|                                |                |                         |             |
|--------------------------------|----------------|-------------------------|-------------|
| Cartridge fuse                 | G-Si. 6.3 x 32 | Display                 | Without LED |
| Fuse holder (cartridge holder) | pluggable      | Operating voltage, max. | 500 V       |
| Type of voltage for indicator  | AC/DC          |                         |             |

### Rating data

|  |                    |                                 |       |
|--|--------------------|---------------------------------|-------|
| Rated cross-section                          | 10 mm <sup>2</sup> | Rated voltage                   | 500 V |
| Rated current                                | 10 A               | Current at maximum wires        | 10 A  |
| Volume resistance according to IEC 60947-7-x | 0.56 mΩ            | Rated impulse withstand voltage | 6 kV  |
| Pollution severity                           | 3                  |                                 |       |

### UL rating data

|   |        |   |       |
|---|--------|---|-------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 8 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR)   | 8 AWG |
| Conductor size Field wiring min. (UR)   | 22 AWG | Current size C (UR)                     | 8 A   |
| Voltage size C (UR)                     | 600 V  |   |       |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000899    | ETIM 4.0   | EC000899    |
| ETIM 5.0   | EC000899    | ETIM 6.0   | EC000899    |
| UNSPSC     | 30-21-18-11 | eClass 5.1 | 27-14-11-16 |
| eClass 6.2 | 27-14-11-16 | eClass 7.1 | 27-14-11-16 |
| eClass 8.1 | 27-14-11-16 | eClass 9.0 | 27-14-11-16 |
| eClass 9.1 | 27-14-11-16 |            |             |

### Product information

|                                |   |
|--------------------------------|---|
| Descriptive text ordering data | SAKS 3 1"x1/4" with a red cap available under 0667420000. |
|--------------------------------|---|

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**Data sheet****SAK Series**  
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Approvals



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Engineering Data

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