

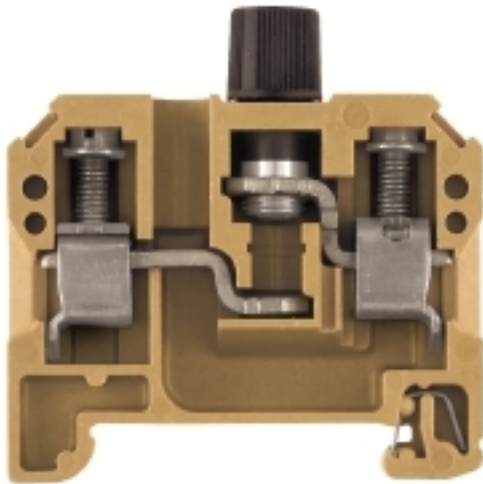
**SAKS 1/35/G25****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

**General ordering data**

|            |  |
|------------|--|
| Version    | Fuse terminal, Screw connection, medium yellow, 10 mm <sup>2</sup> , 10 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35 |
| Order No.  | <a href="#">0501520000</a>   |
| Type       | SAKS 1/35/G25  |
| GTIN (EAN) | 4008190047801  |
| Qty.       | 20 pc(s).  |

## SAKS 1/35/G25

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 53 mm  | Depth (inches)  | 2.087 inch |
| Height     | 54 mm  | Height (inches) | 2.126 inch |
| Width      | 13 mm  | Width (inches)  | 0.512 inch |
| Net weight | 38.3 g |                 |            |

## Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °C |
| 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   |
| Number of clamping points per level | 2   | Number of potentials per tier | 1   |
| Levels cross-connected internally   | No  | PE connection                 | No  |
| 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) | 26 AWG    |                               |        |

## Conductors for clamping (additional connection)

|   |                    |  |                  |
|---|--------------------|--|------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 10 mm <sup>2</sup> | Connection type, additional connection | Screw connection |
|---|--------------------|--|------------------|

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## Technical data

## Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 1.0 x 5.5 mm         | Clamping range, max.  | 16 mm <sup>2</sup>  |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | Clamping screw  | M 4                 |
| Connection cross-section, stranded, max.  | 10 mm <sup>2</sup>   | Connection cross-section, stranded, min.  | 1.5 mm <sup>2</sup> |
| 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    |
| Type of connection 2  | Screw connection     | Wire connection cross section AWG, max.   | AWG 10              |
| Wire connection cross section AWG, min.   | AWG 26               | Wire connection cross section, finely stranded, max.                                    | 10 mm <sup>2</sup>  |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 10 mm <sup>2</sup>  |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, max.   | 16 mm <sup>2</sup>  |
| Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup>  |   |                     |

## Display element

|                               |       |
|-------------------------------|-------|
| Type of voltage for indicator | AC/DC |
|-------------------------------|-------|

## Fuse terminals

|                                |                  |                         |           |
|--------------------------------|------------------|-------------------------|-----------|
| Cartridge fuse                 | G-Si. 5 x 25     | Display                 | Neon lamp |
| Fuse holder (cartridge holder) | for screw fixing | Operating voltage, max. | 500 V     |
| Type of voltage for indicator  | AC/DC            |                         |           |

## General

|   |                 |   |        |
|---|-----------------|---|--------|
| Installation advice                     | Direct mounting | Rail                                    | TS 35  |
| Standards                               | IEC 60947-7-3   | Wire connection cross section AWG, max. | AWG 10 |
| Wire connection cross section AWG, min. | AWG 26          |   |        |

## Rating data

|  |                    |                                 |               |
|--|--------------------|---------------------------------|---------------|
| Rated cross-section                          | 10 mm <sup>2</sup> | Rated voltage                   | 500 V         |
| Rated DC voltage                             | 500 V              | Rated current                   | 10 A          |
| Current at maximum wires                     | 10 A               | Standards                       | IEC 60947-7-3 |
| Volume resistance according to IEC 60947-7-x | 0.56 mΩ            | Rated impulse withstand voltage | 6 kV          |
| Power loss in accordance with IEC 60947-7-x  | 1.82 W             | 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)   | 10 AWG |
| Conductor size Field wiring min. (UR)   | 22 AWG | Current size C (UR)                     | 6.3 A  |
| Voltage size C (UR)                     | 600 V  |   |        |

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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## Technical data

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000899    | ETIM 7.0    | EC000899    |
| ETIM 8.0    | EC000899    | ETIM 9.0    | EC000899    |
| ETIM 10.0   | EC000899    | ECLASS 9.0  | 27-14-11-16 |
| ECLASS 9.1  | 27-14-11-16 | ECLASS 10.0 | 27-14-11-16 |
| ECLASS 11.0 | 27-14-11-16 | ECLASS 12.0 | 27-14-11-16 |
| ECLASS 13.0 | 27-25-01-13 | ECLASS 14.0 | 27-25-01-13 |
| ECLASS 15.0 | 27-25-01-13 |             |             |

### Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

### Important note

|                     |  |
|---------------------|--|
| Product information | The voltage depends on the selected fuse element or the selected indicator light |
|---------------------|--|

### Approvals

Approvals



|                       |   |
|-----------------------|---|
| Approvals MAMID       | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319249/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319249/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS                  | Conform   |
| UL File Number Search | UL Website  |
| Certificate No. (UR)  | E60693  |

### Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Lloyds Register Certificate</a><br><a href="#">Declaration of Conformity</a> |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |