

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****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**

|            |                            |
|------------|----------------------------|
| Order No.  | <a href="#">0191120000</a> |
| Type       | SAKS 1/G25                 |
| GTIN (EAN) | 4008190121129              |
| Qty.       | 20 pc(s).                  |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 61 mm      | Depth (inches)  | 2.402 inch |
| Height         | 54 mm      | Height (inches) | 2.126 inch |
| Net weight     | 39.2 g     | Width           | 13 mm      |
| Width (inches) | 0.512 inch |                 |            |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °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 levels                  | 1                                                           | Number of clamping points per level | 2   |
| Levels cross-connected internally | No                                                          | PE connection                       | No  |
| Rail                              | TS 32                                                       |                                     |     |

## 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    |                               |        |

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## 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    |
| 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 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

|                                     |       |                               |       |
|-------------------------------------|-------|-------------------------------|-------|
| Operating voltage for display, max. | 500 V | 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 32  |
| Wire connection cross section AWG, max. | AWG 10          | Wire connection cross section AWG, min. | AWG 26 |

## Rating data

|                                             |        |                                              |                    |
|---------------------------------------------|--------|----------------------------------------------|--------------------|
| Power loss in accordance with IEC 60947-7-x | 1.82 W | 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)   | 10 AWG |
| Conductor size Field wiring min. (UR)   | 22 AWG | Current size C (UR)                     | 6 A    |
| Voltage size C (UR)                     | 600 V  |                                         |        |

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## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000899    | ETIM 7.0    | 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 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E60693  |

## Downloads

|                                             |                                                                                                                                                                                                                  |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">Lloyds Register Certificate</a><br><a href="#">MARITREG Certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                                                             |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                                                                                                                     |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                                                                                                                                                  |