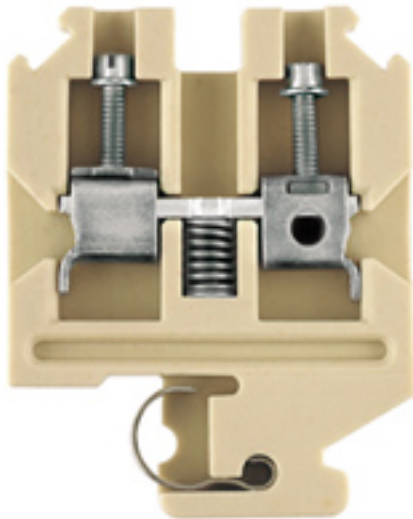


**SAKK 4****Weidmüller Interface GmbH & Co. KG**

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**

|            |                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------|
| Version    | SAK Series, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Direct mounting |
| Order No.  | <a href="#">9502600000</a>                                                                                    |
| Type       | SAKK 4                                                                                                        |
| GTIN (EAN) | 4008190550585                                                                                                 |
| Qty.       | 25 pc(s).                                                                                                     |

## SAKK 4

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 53 mm      | Depth (inches)  | 2.087 inch |
| Height         | 40 mm      | Height (inches) | 1.575 inch |
| Net weight     | 31.96 g    | Width           | 8 mm       |
| Width (inches) | 0.315 inch |                 |            |

## Temperatures

|                                  |                |                                  |                                                                                                   |
|----------------------------------|----------------|----------------------------------|---------------------------------------------------------------------------------------------------|
| Storage temperature              |                | Operating temperature range      | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
|                                  | -25 °C...55 °C |                                  |                                                                                                   |
| Continuous operating temp., min. | -60            | Continuous operating temp., max. | 250                                                                                               |

## Material data

|                           |          |        |       |
|---------------------------|----------|--------|-------|
| Material                  | Ceramic  | Colour | beige |
| UL 94 flammability rating | V-0, 5VB |        |       |

## Rating data IECEx/ATEX

|                                 |                        |                                |                                                                                                   |
|---------------------------------|------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|
| Certificate No. (ATEX)          | TUEV18ATEX8208U        | ATEX certificate               | SIRA03ATEX3425U_e.pdf                                                                             |
| ATEX certificate                | SIRA03ATEX3425U_d.pdf  | Certificate No. (IECEX)        | IECEXTUR18.0018U                                                                                  |
| IEC Ex certificate              | IECEXSIR05.0032U_e.pdf | Max. voltage (ATEX)            | 440 V                                                                                             |
| Current (ATEX)                  | 32 A                   | Wire cross section max. (ATEX) | 6 mm <sup>2</sup>                                                                                 |
| Max. voltage (IECEX)            | 440 V                  | Current (IECEX)                | 32 A                                                                                              |
| Wire cross section max. (IECEX) |                        | Operating temperature range    | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
|                                 | 6 mm <sup>2</sup>      |                                |                                                                                                   |
| Marking EN 60079-7              | Ex eb II C Gb          | Ex 2014/34/EU label            | II 2 G D                                                                                          |

## System specifications

|                                     |                                                                             |                               |     |
|-------------------------------------|-----------------------------------------------------------------------------|-------------------------------|-----|
| Version                             | Screw connection, for screwable cross-connection, 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 32                                                                       | N-function                    | No  |
| PE function                         | No                                                                          | PEN function                  | No  |

## Additional technical data

|                             |         |                     |                 |
|-----------------------------|---------|---------------------|-----------------|
| Explosion-tested version    | Yes     | Installation advice | Direct mounting |
| Number of similar terminals | 1       | Open sides          | right           |
| Type of mounting            | Snap-on |                     |                 |

## CSA rating data

|                               |           |                               |        |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA)         | 12400-290 | Current size C (CSA)          | 36 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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## Technical data

## Conductors for clamping (rated connection)

|                                                                                         |                      |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 0.6 x 3.5 mm         | Clamping range, max.                                                                    | 6 mm <sup>2</sup>   |
| Clamping range, min.                                                                    | 0.33 mm <sup>2</sup> | Clamping screw                                                                          | M 3                 |
| Connection direction                                                                    | on side              | Gauge to IEC 60947-1                                                                    | A4                  |
| Number of connections                                                                   | 2                    | Stripping length                                                                        | 10 mm               |
| Tightening torque, max.                                                                 | 0.5 Nm               | Tightening torque, min.                                                                 | 0.5 Nm              |
| 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, max.                                    | 4 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 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.                                         | 6 mm <sup>2</sup>    | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

## General

|                                         |                 |                                         |        |
|-----------------------------------------|-----------------|-----------------------------------------|--------|
| Installation advice                     | Direct mounting | Rail                                    | TS 32  |
| Standards                               | IEC 60947-7-1   | Wire connection cross section AWG, max. | AWG 10 |
| Wire connection cross section AWG, min. | AWG 22          |                                         |        |

## Rating data

|                                              |        |                                 |                   |
|----------------------------------------------|--------|---------------------------------|-------------------|
| Power loss in accordance with IEC 60947-7-x  | 1.02 W | Rated cross-section             | 4 mm <sup>2</sup> |
| Rated voltage                                | 800 V  | Rated current                   | 32 A              |
| Current at maximum wires                     | 41 A   | Standards                       | IEC 60947-7-1     |
| Volume resistance according to IEC 60947-7-x | 1 mΩ   | Rated impulse withstand voltage | 8 kV              |
| Pollution severity                           | 3      |                                 |                   |

## UL rating data

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR)   | 12 AWG |
| Conductor size Field wiring min. (UR)   | 26 AWG | Current size C (UR)                     | 30 A   |
| Voltage size C (UR)                     | 600 V  |                                         |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ECLASS 9.0  | 27-14-11-20 | ECLASS 9.1  | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |

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## Technical data

## Approvals

Approvals



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

## Downloads

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation Of Conformity</a><br><a href="#">ATEX Certificate</a><br><a href="#">IECEX Certificate</a><br><a href="#">CB Certificate</a><br><a href="#">CB Test Certificate</a><br><a href="#">EAC certificate</a><br><a href="#">EAC EX Certificate</a><br><a href="#">CCC Ex 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, Zuken E3.S</a>                                                                                                                                                                                                                                                                                                                                                             |
| Product Change Notification                 | <a href="#">PCN_SAKK_20190405</a>                                                                                                                                                                                                                                                                                                                                                                    |
| User Documentation                          | <a href="#">NTI SAKK 4</a><br><a href="#">StorageConditionsTerminalBlocks</a>                                                                                                                                                                                                                                                                                                                        |