

**SAK Series  
SAK 2.5 K.IN**

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

|            |                                                                                                |
|------------|------------------------------------------------------------------------------------------------|
| Type       | SAK 2.5 K.IN                                                                                   |
| Order No.  | <a href="#">9520320000</a>                                                                     |
| Version    | SAK Series, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4008190460075                                                                                  |
| Qty.       | 100 pc(s).                                                                                     |

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**Technical data**
**Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 6 mm    | Width (inches)  | 0.236 inch |
| Height     | 36.5 mm | Height (inches) | 1.437 inch |
| Depth      | 44 mm   | Depth (inches)  | 1.732 inch |
| Net weight | 8.6 g   |                 |            |

**Temperatures**

|                                  |               |                                  |        |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max.        | 40 °C         | Storage temperature, min.        | 10 °C  |
| Storage temperature              | 10 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 100 °C        |                                  |        |

**Material data**

|                           |       |        |                |
|---------------------------|-------|--------|----------------|
| Material                  | PA 66 | Colour | beige / yellow |
| UL 94 flammability rating | V-2   |        |                |

**System specifications**

|                                     |                                                                                       |                               |     |
|-------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|-----|
| Version                             | Screw connection,<br>for screwable cross-<br>connection, One end<br>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**

|                  |         |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

**Conductors for clamping (rated connection)**

|                       |   |                    |                  |
|-----------------------|---|--------------------|------------------|
| Number of connections | 2 | Type of connection | Screw connection |
|-----------------------|---|--------------------|------------------|

**Rating data**

|                                             |                     |                                              |         |
|---------------------------------------------|---------------------|----------------------------------------------|---------|
| Rated cross-section                         | 2.5 mm <sup>2</sup> | Rated voltage                                | 800 V   |
| Rated current                               | 24 A                | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Power loss in accordance with IEC 60947-7-x | 0.77 W              |                                              |         |

**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 |            |             |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

[CB Certificate](#)  
[CB Test Certificate](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

### Safety note

Safety notice

[Safety Information](#)