

**SAKC 4/35 2STB7****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, Test-disconnect terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, medium yellow, Direct mounting |
| Order No.  | <a href="#">0357620000</a>                                                                                                      |
| Type       | SAKC 4/35 2STB7                                                                                                                 |
| GTIN (EAN) | 4008190170622                                                                                                                   |
| Qty.       | 100 pc(s).                                                                                                                      |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 59.5 mm | Depth (inches)  | 2.343 inch |
| Height     | 6.5 mm  | Height (inches) | 0.256 inch |
| Net weight | 19.05 g | Weight          | 19.8 g     |
| Width      | 6.5 mm  | Width (inches)  | 0.256 inch |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C         |                                  |        |

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Material data

|                           |          |        |               |
|---------------------------|----------|--------|---------------|
| Material                  | KrG      | Colour | medium yellow |
| UL 94 flammability rating | V-0, 5VA |        |               |

## System specifications

|                                     |                                                                         |                               |     |
|-------------------------------------|-------------------------------------------------------------------------|-------------------------------|-----|
| Version                             | Screw connection, Spacer,<br>With sockets, 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 35                                                                   | N-function                    | No  |
| PE function                         | No                                                                      | PEN function                  | No  |

## Additional technical data

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

## CSA rating data

|                               |           |                               |        |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA)         | 12400-190 | Current size C (CSA)          | 25 A   |
| Voltage size C (CSA)          | 300 V     | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 22 AWG    |                               |        |

## Conductors for clamping (additional connection)

|                                                                                                   |                   |
|---------------------------------------------------------------------------------------------------|-------------------|
| Conductor cross-section, flexible plus<br>plastic collar DIN 46228/1, further<br>connection, max. | 4 mm <sup>2</sup> |
|---------------------------------------------------------------------------------------------------|-------------------|

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## 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 cross-section, stranded, max.                                                | 4 mm <sup>2</sup>    | Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup> |
| Connection direction                                                                    | on side              | Gauge to IEC 60947-1                                                                    | A4                  |
| Number of connections                                                                   | 2                    | Stripping length                                                                        | 12 mm               |
| Tightening torque, max.                                                                 | 0.7 Nm               | Tightening torque, min.                                                                 | 0.5 Nm              |
| Torque level with DMS electric screwdriver                                              | 2                    | 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, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, 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>  |                                                                                         |                     |

## Disconnect terminals

|                  |           |                      |     |
|------------------|-----------|----------------------|-----|
| Cross-disconnect | without   | Integral test socket | Yes |
| Slitting         | pluggable |                      |     |

## General

|                                         |                 |                                         |        |
|-----------------------------------------|-----------------|-----------------------------------------|--------|
| Installation advice                     | Direct mounting | Rail                                    | TS 35  |
| 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                                | 400 V  | Rated current                   | 25 A              |
| Current at maximum wires                     | 25 A   | Standards                       | IEC 60947-7-1     |
| Volume resistance according to IEC 60947-7-x | 1 mΩ   | Rated impulse withstand voltage | 6 kV              |
| Pollution severity                           | 3      |                                 |                   |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ECLASS 9.0  | 27-14-11-26 | ECLASS 9.1  | 27-14-11-26 |
| ECLASS 10.0 | 27-14-11-26 | ECLASS 11.0 | 27-14-11-26 |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

[EAC certificate](#)

User Documentation

[Beipackzettel\\_SAKC\\_SAKA.pdf](#)  
[StorageConditionsTerminalBlocks](#)