

**SAKR 15****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, beige, Direct mounting |
| Order No.  | <a href="#">0412760000</a>  |
| Type       | SAKR 15   |
| GTIN (EAN) | 4008190035310   |
| Qty.       | 50 pc(s).   |

Creation date 01 February 2022 04:38:49 CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 31 mm   | Depth (inches)  | 1.22 inch  |
| Height     | 42 mm   | Height (inches) | 1.654 inch |
| Width      | 6.5 mm  | Width (inches)  | 0.256 inch |
| Net weight | 8.652 g |                 |            |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °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>Spacer, One end without<br>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 15   | 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 |                     |                 |

## Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | Clamping screw  | M 3                 |
| Connection cross-section, stranded,<br>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  | A3                  |
| Number of connections   | 2                    | Stripping length  | 8 mm                |
| Tightening torque, max.   | 1 Nm                 | Tightening torque, min.   | 0.5 Nm              |
| Torque level with DMS electric<br>screwdriver   | 2                    | Twin wire-end ferrules, max.  | 1.5 mm <sup>2</sup> |
| Twin wire-end ferrules, min.  | 0.5 mm <sup>2</sup>  | Type of connection  | Screw connection    |
| Wire connection cross section AWG,<br>max.  | AWG 12               | Wire connection cross section AWG,<br>min.  | AWG 26              |
| Wire connection cross section, finely<br>stranded, max.                                       | 4 mm <sup>2</sup>    | Wire connection cross section, finely<br>stranded, min.                                       | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/1, max. | 2.5 mm <sup>2</sup>  | Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/1, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/4, max. | 4 mm <sup>2</sup>    | Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/4, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid<br>core, max.  | 4 mm <sup>2</sup>    | Wire connection cross-section, solid<br>core, min.  | 0.5 mm <sup>2</sup> |

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## Dimensions

TS 15 offset 21 mm

## Disconnect terminals

|                  |          |                      |    |
|------------------|----------|----------------------|----|
| Cross-disconnect | without  | Integral test socket | No |
| Slitting         | Pivoting |                      |    |

## General

|   |                 |   |        |
|---|-----------------|---|--------|
| Installation advice                     | Direct mounting | Rail                                    | TS 15  |
| Standards                               | IEC 60947-7-1   | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26          |   |        |

## Rating data

|  |                   |                                 |               |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 400 V         |
| Rated current                                | 10 A              | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ              | Rated impulse withstand voltage | 6 kV          |
| Power loss in accordance with IEC 60947-7-x  | 1.02 W            | Pollution severity              | 3             |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ETIM 8.0    | 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 |             |             |

## Approvals

Approvals



ROHS Conform

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">MARITREG Certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">CE Declaration of Conformity all terminals</a> |
| Engineering Data                            | <a href="#">EPLAN_WSCAD</a>  |
| Product Change Notification                 | <a href="#">Technical change - EN</a><br><a href="#">Technical change - DE</a>   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |