

**SAKRD/35 DLS2****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, beige, Direct mounting |
| Order No.  | <a href="#">0299560000</a>                                                                                              |
| Type       | SAKRD/35 DLS2                                                                                                           |
| GTIN (EAN) | 4008190053352                                                                                                           |
| Qty.       | 25 pc(s).                                                                                                               |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 38 mm      | Depth (inches)  | 1.496 inch |
| Height         | 46 mm      | Height (inches) | 1.811 inch |
| Net weight     | 12.6 g     | Width           | 6.5 mm     |
| Width (inches) | 0.256 inch |                 |            |

## 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, Diode module, 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 35                                                     | N-function                    | No  |
| PE function                         | No                                                        | PEN function                  | No  |

## Additional technical data

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

## CSA rating data

|                               |           |                               |        |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA)         | 12400-132 | Current size C (CSA)          | 10 A   |
| Voltage size C (CSA)          | 300 V     | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 22 AWG    |                               |        |

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## Technical data

## Conductors for clamping (rated connection)

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Blade size                                                                              | 0.6 x 3.5 mm         |
| Clamping range, min.                                                                    | 0.13 mm <sup>2</sup> |
| Connection cross-section, stranded, max.                                                | 4 mm <sup>2</sup>    |
| Connection direction                                                                    | on side              |
| Number of connections                                                                   | 2                    |
| Tightening torque, max.                                                                 | 1 Nm                 |
| Torque level with DMS electric screwdriver                                              | 2                    |
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>  |
| Wire connection cross section AWG, max.                                                 | AWG 12               |
| 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, min. | 0.5 mm <sup>2</sup>  |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup>  |

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Clamping range, max.                                                                    | 4 mm <sup>2</sup>   |
| Clamping screw                                                                          | M 3                 |
| Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup> |
| Gauge to IEC 60947-1                                                                    | A3                  |
| Stripping length                                                                        | 8 mm                |
| Tightening torque, min.                                                                 | 0.5 Nm              |
| Twin wire-end ferrules, max.                                                            | 1.5 mm <sup>2</sup> |
| Type of connection                                                                      | Screw connection    |
| Wire connection cross section AWG, min.                                                 | AWG 26              |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.                                         | 4 mm <sup>2</sup>   |

## General

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

|                                         |        |
|-----------------------------------------|--------|
| Rail                                    | TS 35  |
| Wire connection cross section AWG, max. | AWG 12 |

## Rating data

|                                              |        |
|----------------------------------------------|--------|
| Power loss in accordance with IEC 60947-7-x  | 1.02 W |
| Rated voltage                                | 250 V  |
| Current at maximum wires                     | 10 A   |
| Volume resistance according to IEC 60947-7-x | 1 mΩ   |
| Pollution severity                           | 3      |

|                                 |                   |
|---------------------------------|-------------------|
| Rated cross-section             | 4 mm <sup>2</sup> |
| Rated current                   | 10 A              |
| Standards                       | IEC 60947-7-1     |
| Rated impulse withstand voltage | 6 kV              |

## 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 |

## Approvals

Approvals



ROHS

Conform

### SAKRD/35 DLS2

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## Technical data

### Downloads

Approval/Certificate/Document of  
Conformity

[EAC certificate](#)

Engineering Data

[STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)