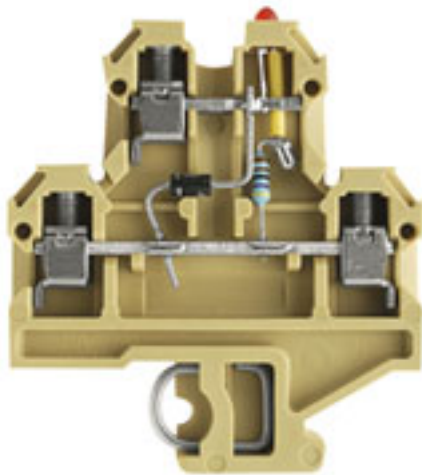


**SAK Series**  
**DK 4/32 LD ROT 24VDC****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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**

|            |  |
|------------|--|
| Type       | DK 4/32 LD ROT 24VDC   |
| Order No.  | <a href="#">0210160000</a>   |
| Version    | SAK Series, Double-tier terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190020736  |
| Qty.       | 25 pc(s).  |

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

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Width      | 6 mm     | Width (inches)  | 0.236 inch |
| Height     | 50 mm    | Height (inches) | 1.969 inch |
| Depth      | 56.5 mm  | Depth (inches)  | 2.224 inch |
| Net weight | 12.944 g |                 |            |

**Temperatures**

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature, max.        | 55 °C          | Storage temperature, min.        | -25 °C |
| 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, with LED, One end without connector | End cover plate required      | Yes |
| Number of potentials                | 1   | Number of levels              | 2   |
| Number of clamping points per level | 2   | Number of potentials per tier | 1   |
| Levels cross-connected internally   | Yes   | PE connection                 | No  |
| Rail                                | TS 32   | 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 |

**Conductors for clamping (rated connection)**

|   |                     |   |                     |
|---|---------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm        | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.5 mm <sup>2</sup> | Clamping screw  | M 3                 |
| Connection cross-section, stranded, max.  | 4 mm <sup>2</sup>   | Connection cross-section, stranded, min.  | 0.5 mm <sup>2</sup> |
| Connection direction  | on side             | Gauge to IEC 60947-1  | A3                  |
| Number of connections   | 4                   | Stripping length  | 9 mm                |
| Tightening torque, max.   | 1 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 12              | 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, min.                                    | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.   | 4 mm <sup>2</sup>   | Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |

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**Technical data****Dimensions**

|              |       |
|--------------|-------|
| TS 32 offset | 25 mm |
|--------------|-------|

**Display element**

|                                     |      |                                     |      |
|-------------------------------------|------|-------------------------------------|------|
| Current                             | 5 mA | Indicator element                   | red  |
| Operating voltage for display, max. | 24 V | Operating voltage for display, min. | 24 V |
| Type of voltage for indicator       | DC   |                                     |      |

**Rating data**

|  |                   |   |               |
|--|-------------------|---|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                               | 24 V          |
| Current at maximum wires                     | 10 A              | Standards                                   | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ              | Power loss in accordance with IEC 60947-7-x | 1.02 W        |
| Rated impulse withstand voltage              | 1 kV              | Pollution severity                          | 3             |

**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 | UNSPSC     | 30-21-18-11 |

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">DE_PT1381_20160418_086_ISSUE01.pdf</a><br><a href="#">Declaration of Conformity Terminals</a> |
| Engineering Data                            | <a href="#">EPLAN_WSCAD</a>  |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>  |

**Safety note**

|               |                                    |
|---------------|------------------------------------|
| Safety notice | <a href="#">Safety Information</a> |
|---------------|------------------------------------|