

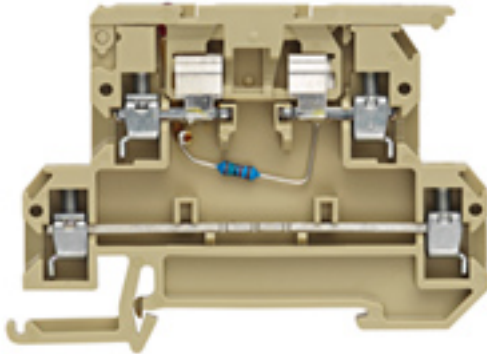
**KDKS1/35 LD 24VDC 4ZB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

**General ordering data**

|            |   |
|------------|---|
| Version    | SAK Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Direct mounting |
| Order No.  | <a href="#">8215900000</a>  |
| Type       | KDKS1/35 LD 24VDC 4ZB   |
| GTIN (EAN) | 4008 190473365  |
| Qty.       | 25 pc(s).   |

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Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 55.6 mm  | Depth (inches)  | 2.189 inch |
| Height     | 73.5 mm  | Height (inches) | 2.894 inch |
| Width      | 8 mm     | Width (inches)  | 0.315 inch |
| Net weight | 20.256 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, with LED | End cover plate required      | Yes |
| Number of potentials                | 2                          | Number of levels              | 2   |
| 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  |

### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

|  |                     |  |                     |
|--|---------------------|--|---------------------|
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 1 mm <sup>2</sup>   | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, two clampable wires, min.                                  | 0.5 mm <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max.   | 1 mm <sup>2</sup>   |

### Additional technical data

|                             |         |                     |                 |
|-----------------------------|---------|---------------------|-----------------|
| Explosion-tested version    | No      | Installation advice | Direct mounting |
| Number of similar terminals | 1       | Open sides          | right           |
| Type of mounting            | Snap-on |                     |                 |

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### Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.33 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  | 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                    | 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, 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, min.                                    | 0.5 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, solid core, max.   | 4 mm <sup>2</sup>    | Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |

### Display element

|                               |    |
|-------------------------------|----|
| Type of voltage for indicator | DC |
|-------------------------------|----|

### Fuse terminals

|                                |              |                         |      |
|--------------------------------|--------------|-------------------------|------|
| Cartridge fuse                 | G-Si. 5 x 20 | Display                 | LED  |
| Fuse holder (cartridge holder) | Pivoting     | Operating voltage, max. | 24 V |
| Type of voltage for indicator  | DC           |                         |      |

### General

|   |                      |   |        |
|---|----------------------|---|--------|
| Installation advice                     | Direct mounting      | Rail                                    | TS 35  |
| Standards                               | IEC 60947-7-1 (-7-2) | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 22               |   |        |

### PE rating data

|              |    |
|--------------|----|
| PEN function | No |
|--------------|----|

### Rating data

|                                 |                      |  |        |
|---------------------------------|----------------------|--|--------|
| Rated cross-section             | 4 mm <sup>2</sup>    | Rated voltage                                | 500 V  |
| Rated current                   | 6.3 A                | Current at maximum wires                     | 6.3 A  |
| Standards                       | IEC 60947-7-1 (-7-2) | 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                    |  |        |

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**Technical data****Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000899    | ETIM 7.0    | EC000899    |
| ETIM 8.0    | EC000899    | ECLASS 9.0  | 27-14-11-16 |
| ECLASS 9.1  | 27-14-11-16 | ECLASS 10.0 | 27-14-11-16 |
| ECLASS 11.0 | 27-14-11-16 | ECLASS 12.0 | 27-14-11-16 |

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| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                              |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                     |

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