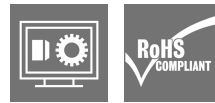
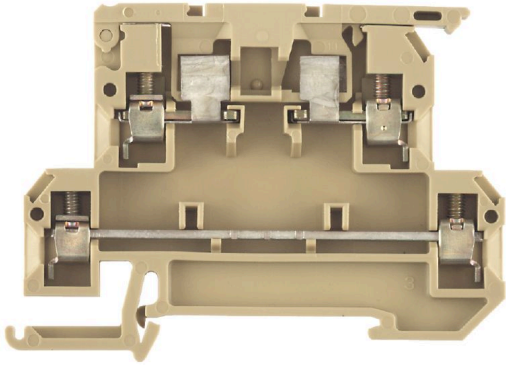


**Product image**

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             | Fuse terminal, Screw connection, beige / yellow, 4 mm <sup>2</sup> , 6.3 A, 500 V, Number of connections: 4, Number of levels: 2, TS 35 |
| Order No.           | <a href="#">9503310000</a>  |
| Type                | KDKS 1/35   |
| GTIN (EAN)          | 4008190182304   |
| Qty.                | 50 items  |
| Alternative product | <a href="#">KDKS 1/35 DB</a>  |

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 55 mm   | Depth (inches)  | 2.1654 inch |
| Height     | 76.5 mm | Height (inches) | 3.0118 inch |
| Width      | 8.1 mm  | Width (inches)  | 0.3189 inch |
| Net weight | 20.07 g |                 |             |

## Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 100 °C        |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

|                           |       |        |                |
|---------------------------|-------|--------|----------------|
| Basic material            | PA 66 | Colour | beige / yellow |
| UL 94 flammability rating | V-2   |        |                |

## System specifications

|                                     |  |                               |     |
|-------------------------------------|--|-------------------------------|-----|
| Version                             | Screw connection, Fuse isolator, One end without connector | 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  |
| Mounting 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 cross-section, finely stranded, two clampable wires, max.   | 1 mm <sup>2</sup> | Wire connection cross section, finely stranded, two clampable wires, min.                                  | 0.5 mm <sup>2</sup> |

## Additional technical data

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

## KDKS 1/35

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## CSA rating data

|                               |        |                       |           |
|-------------------------------|--------|-----------------------|-----------|
| Wire cross section max. (CSA) | 12 AWG | Voltage size C (CSA)  | 300 V     |
| Current size C (CSA)          | 25 A   | Certificate No. (CSA) | 12400-281 |
| Wire cross section min. (CSA) | 26 AWG |                       |           |

## Conductors for clamping (additional connection)

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

## Conductors for clamping (rated connection)

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| Gauge to IEC 60947-1  | A3                   | Wire connection cross section AWG, max.   | AWG 12               |
| Connection direction  | on side              | Tightening torque, max.   | 0.8 Nm               |
| Tightening torque, min.   | 0.5 Nm               | Stripping length  | 9 mm                 |
| Type of connection 2  | Screw connection     | Type of connection  | Screw connection     |
| Number of connections   | 4                    | Clamping range, max.  | 4 mm <sup>2</sup>    |
| Clamping range, min.  | 0.33 mm <sup>2</sup> | Clamping screw  | M 3                  |
| Blade size  | 0.6 x 3.5 mm         | Wire connection cross section AWG, min.   | AWG 20               |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.33 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. | 0.33 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>    |
| Wire connection cross section, finely stranded, min.                                    | 0.33 mm <sup>2</sup> | Connection cross-section, stranded, max.  | 4 mm <sup>2</sup>    |
| Connection cross-section, stranded, min.  | 0.33 mm <sup>2</sup> | Torque level with DMS electric screwdriver  | 2                    |
| Wire connection cross-section, solid core, max.   | 4 mm <sup>2</sup>    | Wire connection cross-section, solid core, min.   | 0.33 mm <sup>2</sup> |
| Connection cross-section, finely stranded, min.   | 0.33 mm <sup>2</sup> |   |                      |

## Display element

|                               |    |
|-------------------------------|----|
| Type of voltage for indicator | AC |
|-------------------------------|----|

## Fuse terminals

|                               |              |                                |             |
|-------------------------------|--------------|--------------------------------|-------------|
| Cartridge fuse                | G-Si. 5 x 20 | Fuse holder (cartridge holder) | Pivoting    |
| Type of voltage for indicator | AC           | Display                        | Without LED |
| Operating voltage, max.       | 500 V        |                                |             |

## General

|   |        |                     |                 |
|---|--------|---------------------|-----------------|
| Wire connection cross section AWG, max. | AWG 12 | Installation advice | Direct mounting |
| Wire connection cross section AWG, min. | AWG 20 | Standards           | IEC 60947-7-3   |
| Mounting rail                           | TS 35  |                     |                 |

## PE rating data

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

## Technical data

### Rating data

|  |                   |                                 |               |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 500 V         |
| Rated DC voltage                             | 500 V             | Nominal current                 | 6.3 A         |
| Current at maximum wires                     | 6.3 A             | Standards                       | IEC 60947-7-3 |
| 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             |

### UL rating data

|   |        |   |        |
|---|--------|---|--------|
| Conductor size Factory wiring max. (UR) | 12 AWG | Current size C (UR)                     | 10 A   |
| Voltage size C (UR)                     | 300 V  | Conductor size Factory wiring min. (UR) | 26 AWG |
| Certificate No. (UR)                    | E60693 | Conductor size Field wiring min. (UR)   | 22 AWG |
| Conductor size Field wiring max. (UR)   | 12 AWG |   |        |

### Important note

|                     |  |
|---------------------|--|
| Product information | The voltage depends on the selected fuse element or the selected indicator light |
|---------------------|--|

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000899    | ETIM 7.0    | EC000899    |
| ETIM 8.0    | EC000899    | ETIM 9.0    | EC000899    |
| ETIM 10.0   | 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 |
| ECLASS 13.0 | 27-25-01-13 | ECLASS 14.0 | 27-25-01-13 |
| ECLASS 15.0 | 27-25-01-13 |             |             |