

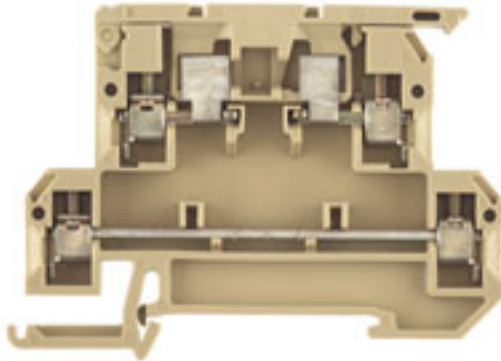
**KDKS 1/35****Weidmüller Interface GmbH & Co. KG**

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             | 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, V-2, PA 66, G-Si. 5 x 20 |
| Order No.           | <a href="#">9503310000</a>  |
| Type                | KDKS 1/35   |
| GTIN (EAN)          | 4008190182304   |
| Qty.                | 50 pc(s).   |
| Alternative product | <a href="#">9532440000</a>  |

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 55.6 mm  | Depth (inches)  | 2.189 inch |
| Height     | 76.5 mm  | Height (inches) | 3.012 inch |
| Width      | 8.1 mm   | Width (inches)  | 0.319 inch |
| Net weight | 20.073 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, 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  |
| 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 |                     |                 |

## CSA rating data

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

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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.   | 0.8 Nm               | Tightening torque, min.   | 0.5 Nm              |
| Torque level with DMS electric screwdriver  | 2                    | Type of connection  | Screw connection    |
| Type of connection 2  | Screw connection     | 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, 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 | AC |
|-------------------------------|----|

## Fuse terminals

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

## General

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

## PE rating data

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

## Rating data

|  |                   |                                 |               |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 500 V         |
| Rated DC voltage                             | 500 V             | Rated 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

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

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## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000899    | ETIM 7.0    | EC000899    |
| ETIM 8.0    | EC000899    | ETIM 9.0    | 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 |             |             |

## Environmental Product Compliance

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

## Important note

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

## Approvals

Approvals



|                       |            |
|-----------------------|------------|
| ROHS                  | Conform    |
| UL File Number Search | UL Website |
| Certificate No. (UR)  | E60693     |

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">DNV Certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |