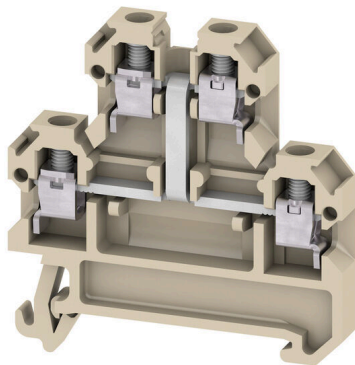


**DK 4V/35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload —ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

**General ordering data**

|                     |                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Version             | Component terminal block, Screw connection, beige / yellow, 4 mm <sup>2</sup> , 500 V, 500 V, Number of connections: 4, Number of levels: 2, TS 35 |
| Order No.           | <a href="#">0643460000</a>                                                                                                                         |
| Type                | DK 4V/35                                                                                                                                           |
| GTIN (EAN)          | 4008190027667                                                                                                                                      |
| Qty.                | 25 items                                                                                                                                           |
| Alternative product | <a href="#">WDK 4N V</a>                                                                                                                           |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 54 mm   | Depth (inches)  | 2.126 inch  |
| Height     | 50 mm   | Height (inches) | 1.9685 inch |
| Width      | 6 mm    | Width (inches)  | 0.2362 inch |
| Net weight | 13.04 g |                 |             |

## Temperatures

|                                  |                |                                  |                |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -50 °C...55 °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,<br>Vertically cross-connected,<br>One end without<br>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  |
| Mounting rail                       | TS 35                                                                            | N-function                    | No  |
| PE function                         | No                                                                               | PEN function                  | No  |

## Additional technical data

|                  |         |                          |    |
|------------------|---------|--------------------------|----|
| Open sides       | right   | Explosion-tested version | No |
| Type of mounting | Snap-on |                          |    |

## Conductors for clamping (additional connection)

|                                                                                                      |                     |
|------------------------------------------------------------------------------------------------------|---------------------|
| Conductor cross-section, flexible with<br>plastic collar (DIN 46228/1) (further<br>connection), max. | 2.5 mm <sup>2</sup> |
|------------------------------------------------------------------------------------------------------|---------------------|

## Technical data

### Conductors for clamping (rated connection)

|                                                                                         |                      |                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|----------------------|
| Wire connection cross section AWG, max.                                                 | AWG 10               | Connection direction                                                                    | on side              |
| 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> |
| Wire connection cross section AWG, min.                                                 | AWG 26               | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm <sup>2</sup>  |
| 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. | 2.5 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>                           |                      | 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 (rated connection), min.                      | 0.33 mm <sup>2</sup> |

### Dimensions

|              |       |
|--------------|-------|
| TS 35 offset | 27 mm |
|--------------|-------|

### Fuse terminals

|         |             |
|---------|-------------|
| Display | Without LED |
|---------|-------------|

### General

|                                         |               |                                         |        |
|-----------------------------------------|---------------|-----------------------------------------|--------|
| Wire connection cross section AWG, max. | AWG 10        | Wire connection cross section AWG, min. | AWG 26 |
| Standards                               | IEC 60947-7-1 | Mounting rail                           | TS 35  |

### Rating data

|                          |                   |                                             |               |
|--------------------------|-------------------|---------------------------------------------|---------------|
| Rated cross-section      | 4 mm <sup>2</sup> | Rated voltage                               | 500 V         |
| Rated DC voltage         | 500 V             | Nominal current                             | 32 A          |
| Current at maximum wires | 32 A              | Standards                                   | IEC 60947-7-1 |
| Volume resistance        | 1 mΩ              | Power loss in accordance with IEC 60947-7-x | 1.02 W        |

### UL rating data

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Conductor size Factory wiring max. (UR) | 12 AWG | Current size C (UR)                     | 27 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 |                                         |        |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000903    | ETIM 9.0    | EC000903    |
| ETIM 10.0   | EC000903    | ECLASS 14.0 | 27-25-01-14 |
| ECLASS 15.0 | 27-25-01-14 |             |             |