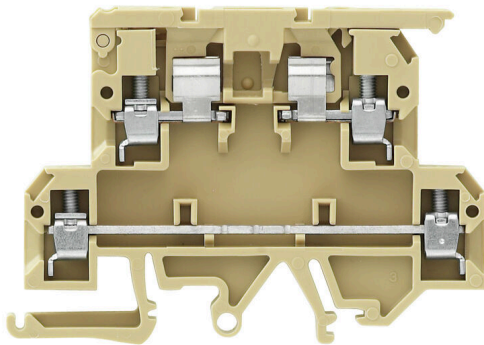


**KDKS1EN/SMT 10-60VAC/DC BFI H+**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Product image**


Similar to illustration

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       | Fuse terminal, dark beige, 4 mm <sup>2</sup> , 6.3 A, 60 V, Number of connections: 4, Number of levels: 2, TS 32, TS 35 |
| Order No.     | <a href="#">2812470000</a>  |
| Type          | KDKS1EN/SMT 10-60VAC/DC BFI H+  |
| GTIN (EAN)    | 4064675295945   |
| Qty.          | 50 items  |
| Local product | Only available in certain countries   |

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## Technical data

### Approvals

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

### General ordering data

|               |                                     |
|---------------|-------------------------------------|
| Local product | Only available in certain countries |
|---------------|-------------------------------------|

### Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 55.7 mm | Depth (inches)  | 2.1929 inch |
| Height     | 73.5 mm | Height (inches) | 2.8937 inch |
| Width      | 8 mm    | Width (inches)  | 0.315 inch  |
| Net weight | 99 g    |                 |             |

### Temperatures

|                                  |                |                                  |                |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -50 °C...75 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C         |

### Environmental Product Compliance

|                        |                       |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant             |
| REACH SVHC             | No SVHC above 0.1 wt% |

### Material data

|                |       |        |            |
|----------------|-------|--------|------------|
| Basic material | Wemid | Colour | dark beige |
|----------------|-------|--------|------------|

### System specifications

|                               |     |                                     |              |
|-------------------------------|-----|-------------------------------------|--------------|
| 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   | Mounting rail                       | TS 32, TS 35 |
| PE function                   | No  |                                     |              |

### Additional technical data

|            |       |                  |         |
|------------|-------|------------------|---------|
| Open sides | right | Type of mounting | Snap-on |
|------------|-------|------------------|---------|

### Conductors for clamping (rated connection)

|   |                   |   |                      |
|---|-------------------|---|----------------------|
| Wire connection cross section AWG, max.   | AWG 12            | Connection direction  | on side              |
| Tightening torque, max.   | 1 Nm              | Tightening torque, min.   | 0.5 Nm               |
| Stripping length  | 9 mm              | Number of connections   | 4                    |
| Clamping range, max.  | 4 mm <sup>2</sup> | Clamping range, min.  | 0.33 mm <sup>2</sup> |
| Blade size  | 0.6 x 3.5 mm      | Wire connection cross section AWG, min.   | AWG 22               |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 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. | 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> |

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### Technical data

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| 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, min. | 0.33 mm <sup>2</sup> |   |                      |

### Fuse terminals

|                                      |              |   |          |
|--------------------------------------|--------------|---|----------|
| Cartridge fuse                       | G-Si. 5 x 20 | Fuse holder (cartridge holder)                              | Pivoting |
| Power loss, 1-pole ; 2-pole ; 3-pole |              | Permitted power loss for fuse with semiconductor protection |          |

### General

|   |                              |   |              |
|---|------------------------------|---|--------------|
| Wire connection cross section AWG, max. | AWG 12                       | Wire connection cross section AWG, min. | AWG 22       |
| Standards                               | IEC 60947-7-1, IEC 60947-7-3 | Mounting rail                           | TS 32, TS 35 |

### Rating data

|                                     |                   |   |                              |
|-------------------------------------|-------------------|---|------------------------------|
| Rated cross-section                 | 4 mm <sup>2</sup> | Rated voltage                               | 60 V                         |
| Rated voltage to adjoining terminal | 500 V             | Rated DC voltage                            | 60 V                         |
| Nominal current                     | 6.3 A             | Standards                                   | IEC 60947-7-1, IEC 60947-7-3 |
| Rated impulse withstand voltage     | 6 kV              | Power loss in accordance with IEC 60947-7-x | 1.02 W                       |
| Surge voltage category              | III               | Pollution severity                          | 3                            |

### Important note

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

### Classifications

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