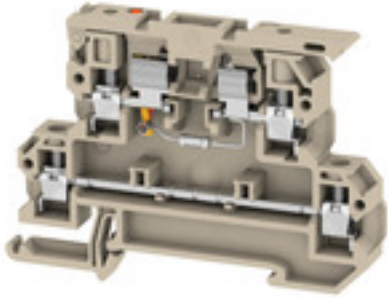


**W-Series**  
**KDKS 1EN/LLC 100-250V AC/DC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Product image**



**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

|            |  |
|------------|--|
| Type       | KDKS 1EN/LLC 100-250V AC/DC  |
| Order No.  | <a href="#">9915820001</a>   |
| Version    | W-Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4050118175349  |
| Qty.       | 50 pc(s).  |

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**Technical data**
**Dimensions and weights**

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Width      | 8 mm     | Width (inches)  | 0.315 inch |
| Height     | 76.5 mm  | Height (inches) | 3.012 inch |
| Depth      | 54.6 mm  | Depth (inches)  | 2.15 inch  |
| Net weight | 20.694 g |                 |            |

**Temperatures**

|                           |               |                           |       |
|---------------------------|---------------|---------------------------|-------|
| Storage temperature, max. | 40 °C         | Storage temperature, min. | 10 °C |
| Storage temperature       | 10 °C...40 °C |                           |       |

**Material data**

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0   |        |            |

**System specifications**

|                               |     |                                   |              |
|-------------------------------|-----|-----------------------------------|--------------|
| End cover plate required      | Yes | Number of potentials              | 2            |
| Number of levels              | 2   | No. of clamping points per level  | 2            |
| Number of potentials per tier | 1   | Levels cross-connected internally | No           |
| PE connection                 | No  | Rail                              | TS 32, TS 35 |
| N-function                    | No  | PE function                       | No           |
| PEN function                  | No  |                                   |              |

**Additional technical data**

|            |       |
|------------|-------|
| Open sides | right |
|------------|-------|

**CSA rating data**

|                               |                 |                               |        |
|-------------------------------|-----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-70000261 | Current size B (CSA)          | 25 A   |
| Current size C (CSA)          | 25 A            | Current size D (CSA)          | 10 A   |
| Voltage size B (CSA)          | 300 V           | Voltage size C (CSA)          | 150 V  |
| Voltage size D (CSA)          | 300 V           | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG          |                               |        |

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**Technical data****Conductors for clamping (rated connection)**

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.22 mm <sup>2</sup> | Clamping screw  | M 3                 |
| Connection cross-section, finely stranded, max.   | 4 mm <sup>2</sup>    | Connection cross-section, finely stranded, min.   | 0.5 mm <sup>2</sup> |
| 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                  |
| Tightening torque, max.   | 0.8 Nm               | Tightening torque, min.   | 0.5 Nm              |
| 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, finely stranded, max.                                    | 4 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, finely stranded, 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>  |   |                     |

**Fuse terminals**

|  |                       |  |                       |
|--|-----------------------|--|-----------------------|
| Cartridge fuse   | G-Si. 5 x 20          | Display  | Red LED               |
| Leakage current, max.  | 0.089 mA              | Permitted power loss for fuse with semiconductor protection                        |                       |
| Power loss for overload and short-circuit protection for a composite arrangement | 1.6 W at 6.3 A @ 23°C | Power loss for overload and short-circuit protection for an individual arrangement | 1.6 W at 6.3 A @ 29°C |
| Power loss for short-circuit protection only for a composite arrangement         | 2.5 W at 6.3 A @ 41°C | Power loss for short-circuit protection only for an individual arrangement         | 4.0 W at 6.3 A @ 44°C |
| Power loss, 1-pole ; 2-pole ; 3-pole   |                       |  |                       |

**PE rating data**

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

**Rating data**

|                                     |                   |                        |       |
|-------------------------------------|-------------------|------------------------|-------|
| Rated cross-section                 | 4 mm <sup>2</sup> | Rated voltage          | 250 V |
| Rated voltage to adjoining terminal | 500 V             | Rated current          | 6.3 A |
| Pollution severity                  | 3                 | Surge voltage category | III   |

**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 B (UR)                     | 20 A   |
| Current size C (UR)                     | 20 A   | Voltage size B (UR)                     | 250 V  |
| Voltage size C (UR)                     | 300 V  |   |        |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 6.0   | EC000899    | eClass 6.2 | 27-14-11-20 |
| eClass 9.0 | 27-14-11-16 | eClass 9.1 | 27-14-11-16 |

**Data sheet****W-Series  
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**Technical data****Approvals**

Approvals



ROHS

Conform

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Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD](#)**Safety note**

Safety notice

[Safety Information](#)