

**W-Series**  
**KDKS 1EN/LLC 10-36V AC/DC****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
www.weidmueller.com**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 10-36V AC/DC  |
| Order No.  | <a href="#">9802720001</a>   |
| Version    | W-Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4050118175318  |
| 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 |                 |            |

**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  | Mounting 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          |                               |        |

**Conductors for clamping (rated connection)**

|                    |                  |
|--------------------|------------------|
| Type of connection | Screw connection |
|--------------------|------------------|

**Fuse terminals**

|  |                       |  |                       |
|--|-----------------------|--|-----------------------|
| Cartridge fuse   | G-Si. 5 x 20          | Display  | red LED               |
| Leakage current, max.  | 0.286 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   |                       |  |                       |

**Rating data**

|                                     |                   |                        |       |
|-------------------------------------|-------------------|------------------------|-------|
| Rated cross-section                 | 4 mm <sup>2</sup> | Rated voltage          | 36 V  |
| Rated voltage to adjoining terminal | 500 V             | Rated current          | 6.3 A |
| Pollution severity                  | 3                 | Surge voltage category | III   |

**Data sheet**

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**Technical data**

**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 5.0   | EC002780    | ETIM 6.0   | EC000899    |
| eClass 7.1 | 27-14-11-52 | eClass 8.1 | 27-14-11-52 |
| eClass 9.0 | 27-14-11-52 | eClass 9.1 | 27-14-11-16 |

**Approvals**

Approvals



ROHS Conform

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">DE_PT1302_20160418_192_ISSUE01.pdf</a> |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>                |
| Engineering Data                            | <a href="#">EPLAN.WSCAD</a>                        |

**Safety note**

Safety notice [Safety Information](#)