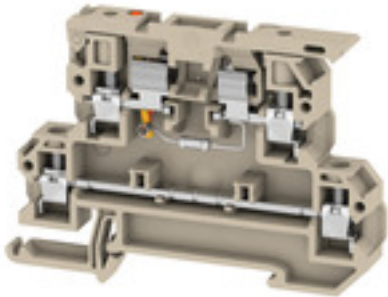


W-Series KDKS 1EN/LLC 10-36V AC/DC

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 10-36V AC/DC |
| Order No. | 9802720001 |
| Version | W-Series, Fuse terminal, Rated cross-section: 4 mm ² , 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 | | |

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 ² |
| Clamping range, min. | 0.22 mm ² | Clamping screw | M 3 |
| Connection cross-section, finely stranded, max. | 4 mm ² | Connection cross-section, finely stranded, min. | 0.5 mm ² |
| Connection cross-section, stranded, max. | 4 mm ² | Connection cross-section, stranded, min. | 1.5 mm ² |
| 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 ² | Twin wire-end ferrules, min. | 0.5 mm ² |
| Type of connection | Screw connection | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded, min. | 0.5 mm ² | Wire connection cross-section, solid core, max. | 4 mm ² |
| Wire connection cross-section, solid core, min. | 0.5 mm ² | | |

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 | | | |

PE rating data

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

Rating data

| | | | |
|-------------------------------------|-------------------|------------------------|-------|
| Rated cross-section | 4 mm ² | Rated voltage | 36 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 5.0 | EC002780 | ETIM 6.0 | EC000899 |
| eClass 7.1 | 27-14-11-52 | eClass 8.1 | 27-14-11-52 |
| eClass 9.0 | 27-14-11-16 | eClass 9.1 | 27-14-11-16 |

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

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1302_20160418_192_ISSUE01.pdf](#)

Brochure/Catalogue

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

Engineering Data

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

Safety notice

[Safety Information](#)