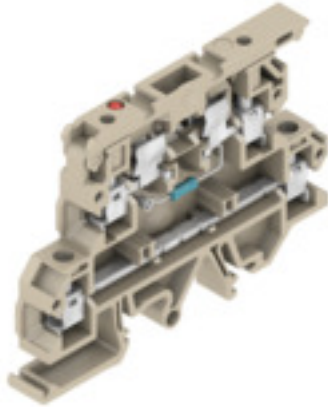


**W-Series**  
**KDKS 1EN/LLC 100-250V AC/DC****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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   | Number 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              | 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 |  |                       |

**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  |
| Volume resistance according to IEC 60947-7-x | 1 mΩ              | Power loss in accordance with IEC 60947-7-x | 1.02 W |
| 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    | ETIM 7.0   | EC000899    |
| eClass 9.0  | 27-14-11-16 | eClass 9.1 | 27-14-11-16 |
| eClass 10.0 | 27-14-11-16 |            |             |

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

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
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Brochure/Catalogue

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

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[StorageConditionsTerminalBlocks](#)**Safety note**

Safety notice

[Safety Information](#)

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## Accessories

### QB RA



#### 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       | QB 3 WI RA8 IS            | Version   |
| Order No.  | <a href="#">046120000</a> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190161699             | poles: 3  |
| Qty.       | 50 pc(s).                 |   |
| Type       | QB 4 WI RA8 IS            | Version   |
| Order No.  | <a href="#">046130000</a> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190025373             | poles: 4  |
| Qty.       | 50 pc(s).                 |   |
| Type       | QB 2 WI RA8 IS            | Version   |
| Order No.  | <a href="#">046110000</a> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190034818             | poles: 2  |
| Qty.       | 50 pc(s).                 |   |

#### Custom printing



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

#### General ordering data

|            |                           |   |
|------------|---------------------------|---|
| Type       | DEK 5/8 MC SDR            | Version   |
| Order No.  | <a href="#">185675000</a> | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248400867             | Weidmueller, To customer specification                    |
| Qty.       | 160 pc(s).                |   |

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## Accessories

### Blank



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- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | DEK 5/8 MC NE WS           | Version   |  |
| Order No.  | <a href="#">1856740000</a> | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |  |
| GTIN (EAN) | 4032248400850              | Weidmueller, white  |  |
| Qty.       | 800 pc(s).                 |   |  |

### Fuses



### Klippon® Connect with clamping yoke Technology

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### General ordering data

|            |                            |                         |  |
|------------|----------------------------|-------------------------|--|
| Type       | G 20/ 1.00A/F              | Version                 |  |
| Order No.  | <a href="#">0430700000</a> | Active components, Fuse |  |
| GTIN (EAN) | 4008190093877              |                         |  |
| Qty.       | 10 pc(s).                  |                         |  |
| Type       | G 20/0.10A/F               | Version                 |  |
| Order No.  | <a href="#">0430300000</a> | Active components, Fuse |  |
| GTIN (EAN) | 4008190077174              |                         |  |
| Qty.       | 10 pc(s).                  |                         |  |
| Type       | G 20/0.20A/F               | Version                 |  |
| Order No.  | <a href="#">0430400000</a> | Active components, Fuse |  |
| GTIN (EAN) | 4008190152383              |                         |  |
| Qty.       | 10 pc(s).                  |                         |  |

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## Accessories

|            |                            |                            |
|------------|----------------------------|----------------------------|
| Type       | KOHUE ASK 1                | Version                    |
| Order No.  | <a href="#">0553300000</a> | SAK Series, Contact sleeve |
| GTIN (EAN) | 4008190095604              |                            |
| Qty.       | 100 pc(s).                 |                            |
| Type       | G 20/0.50A/F               | Version                    |
| Order No.  | <a href="#">0430600000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190046835              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/1.60A/F               | Version                    |
| Order No.  | <a href="#">0430800000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190031503              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/2.50A/F               | Version                    |
| Order No.  | <a href="#">0431000000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190085513              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/4.00A/F               | Version                    |
| Order No.  | <a href="#">0431200000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190022983              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/0.25A/F               | Version                    |
| Order No.  | <a href="#">0430500000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190153991              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/2.00A/F               | Version                    |
| Order No.  | <a href="#">0430900000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190123567              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/5.00A/F               | Version                    |
| Order No.  | <a href="#">0431300000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190185381              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/6.30A/F               | Version                    |
| Order No.  | <a href="#">0431400000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190086053              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/0.63A/F               | Version                    |
| Order No.  | <a href="#">0439000000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190131210              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | G 20/3.15A/F               | Version                    |
| Order No.  | <a href="#">0431100000</a> | Active components, Fuse    |
| GTIN (EAN) | 4008190012977              |                            |
| Qty.       | 10 pc(s).                  |                            |

**Data sheet**

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**Accessories**

**End plates**



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**General ordering data**

| Type       | AP KDKS1 DB                | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">9532470000</a> | SAK Series, End plate, 1.5 mm, dark beige, Direct mounting |
| GTIN (EAN) | 4032248039227              |  |
| Qty.       | 20 pc(s).                  |  |