

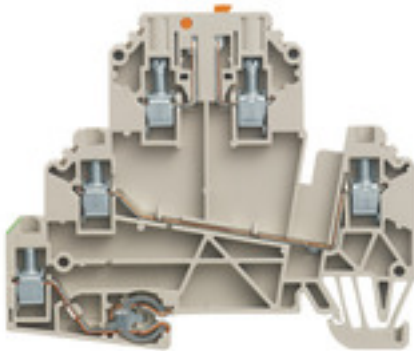
WDK 2.5/TR-DU-PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

| | |
|------------|---|
| Version | Test-disconnect terminal, Screw connection, 2.5 mm ² , 500 V, 24 A, Pivoting, dark beige |
| Order No. | 1247420000 |
| Type | WDK 2.5/TR-DU-PE |
| GTIN (EAN) | 4050118038163 |
| Qty. | 50 pc(s). |

Creation date August 6, 2021 9:11:14 AM CEST

Catalogue status 30.07.2021 / We reserve the right to make technical changes.

WDK 2.5/TR-DU-PE

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Technical data

Dimensions and weights

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 67.5 mm | Depth (inches) | 2.657 inch |
| Depth including DIN rail | 67 mm | Height | 80.5 mm |
| Height (inches) | 3.169 inch | Width | 5.1 mm |
| Width (inches) | 0.201 inch | Net weight | 17.78 g |

Temperatures

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

Material data

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

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-----|
| Version | Screw connection, Spacer, With PE connection, One end without connector | End cover plate required | Yes |
| Number of potentials | 3 | Number of levels | 3 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | Yes |
| Rail | TS 35 | N-function | No |
| PE function | Yes | PEN function | No |

Additional technical data

| | | | |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No | Open sides | right |
| Type of mounting | Snap-on | | |

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3 |
| 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 | A2 |
| Number of connections | 5 | Stripping length | 8 mm |
| Tightening torque, max. | 0.6 Nm | Tightening torque, min. | 0.5 Nm |
| Type of connection | Screw connection | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 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 with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, 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 | | |

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Technical data

Disconnect terminals

| | | | |
|------------------|----------|----------------------|----|
| Cross-disconnect | without | Integral test socket | No |
| Slitting | Pivoting | | |

General

| | |
|------|-------|
| Rail | TS 35 |
|------|-------|

Rating data

| | | | |
|---------------------------------|---------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 500 V |
| Rated current | 24 A | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 8 kV | Power loss in accordance with IEC 60947-7-x | 0.77 W |
| Pollution severity | 3 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000902 | ETIM 7.0 | EC000902 |
| ETIM 8.0 | EC000902 | ECLASS 9.0 | 27-14-11-26 |
| ECLASS 9.1 | 27-14-11-26 | ECLASS 10.0 | 27-14-11-26 |
| ECLASS 11.0 | 27-14-11-26 | | |

Approvals

Approvals



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

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate Declaration of Conformity Declaration of Conformity all terminals |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

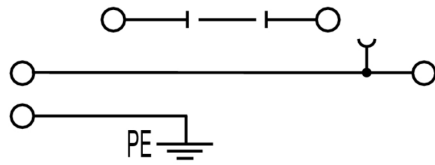
Data sheet

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Drawings



WDK 2.5/TR-DU-PE

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Accessories

WS 8/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

| Type | WS 8/5 MM WS | Version |
|------------|----------------------------|---|
| Order No. | 2007150000 | WS, Terminal marker, 8 x 5 mm, Weidmueller, white |
| GTIN (EAN) | 4050118392029 | |
| Qty. | 800 pc(s). | |

Component plugs



The component plug is used to integrate an electrical component in a disconnect terminal block. After soldering the electronic component, the plug can be integrated into the disconnection area of our disconnect terminal blocks and thus changes the disconnect terminal block into a modular terminal block with integrated electronic component.

General ordering data

| Type | BEST/D | Version |
|------------|----------------------------|-----------------------------------|
| Order No. | 1878560000 | Accessories, Component plug, 1 A |
| GTIN (EAN) | 4032248471492 | |
| Qty. | 50 pc(s). | |
| Type | BEST/DRBR | Version |
| Order No. | 1878570000 | Accessories, Component plug, 22 A |
| GTIN (EAN) | 4032248471508 | |
| Qty. | 50 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|-----------------------------|
| Type | BEST | Version |
| Order No. | 1833100000 | Accessories, Component plug |
| GTIN (EAN) | 4032248501014 | |
| Qty. | 50 pc(s). | |

Fuse holder



The fuse holder SIHA quickly turns a disconnect terminal into a fuse terminal: simply remove the disconnect lever and attach the fuse unit.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SIHA 3/G20/LD 10-36V | Version |
| Order No. | 7921570000 | Accessories, Fuse holder, Rated cross-section: Plug-in connection, |
| GTIN (EAN) | 4032248322503 | Wemid, dark beige, Operating instructions/catalogue |
| Qty. | 25 pc(s). | |
| Type | SIHA 3/G20 | Version |
| Order No. | 7921560000 | Accessories, Fuse holder, Rated cross-section: Plug-in connection, |
| GTIN (EAN) | 4032248264643 | Wemid, dark beige, Operating instructions/catalogue |
| Qty. | 25 pc(s). | |
| Type | SIHA 3/G20/LD 140-250V | Version |
| Order No. | 7921600000 | Accessories, Fuse holder, Rated cross-section: Plug-in connection, |
| GTIN (EAN) | 4032248322633 | Wemid, dark beige, Operating instructions/catalogue |
| Qty. | 25 pc(s). | |

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

| | | |
|------------|----------------------------|------------------------------------|
| Type | TNST | Version |
| Order No. | 1833090000 | Accessories, Disconnect plug, 20 A |
| GTIN (EAN) | 4032248471485 | |
| Qty. | 50 pc(s). | |

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Accessories

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | |
|------------|----------------------------|-----------------------|
| Type | WEW 35/1 | Version |
| Order No. | 1059000000 | W-Series, End bracket |
| GTIN (EAN) | 4008190172282 | |
| Qty. | 50 pc(s). | |

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 | WS 8/5 MC NE WS | Version |
| Order No. | 1640740000 | WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, |
| GTIN (EAN) | 4008190279103 | Allen-Bradley, white |
| Qty. | 720 pc(s). | |

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Accessories

2.5 mm²

2.5
mm²

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | WQV 2.5/3 | Version |
| Order No. | 1053760000 | W-Series, Cross-connector, For the terminals, Number of poles: 3 |
| GTIN (EAN) | 4008190058999 | |
| Qty. | 50 pc(s). | |
| Type | WQV 2.5/2 | Version |
| Order No. | 1053660000 | W-Series, Cross-connector, For the terminals, Number of poles: 2 |
| GTIN (EAN) | 4008190031121 | |
| Qty. | 50 pc(s). | |
| Type | WQV 2.5/10 | Version |
| Order No. | 1054460000 | W-Series, Cross-connector, For the terminals, Number of poles: 10 |
| GTIN (EAN) | 4008190135089 | |
| Qty. | 20 pc(s). | |
| Type | WQV 2.5/4 | Version |
| Order No. | 1053860000 | W-Series, Cross-connector, For the terminals, Number of poles: 4 |
| GTIN (EAN) | 4008190049706 | |
| Qty. | 50 pc(s). | |

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Accessories

Blank



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 5/5 MC NE WS | Version |
| Order No. | 1609801044 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111 | Weidmueller, white |
| Qty. | 1,000 pc(s). | |

Slotted screwdriver

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | SDS 0.6X3.5X100 | Version |
| Order No. | 9008330000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056286 | |
| Qty. | 1 pc(s). | |

Mouser Electronics

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