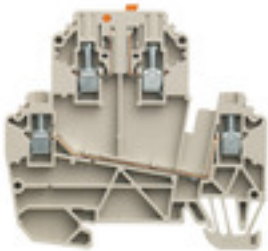


W-Series
WDK 2.5/TR-DU**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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 | WDK 2.5/TR-DU |
| Order No. | 1247290000 |
| Version | Test-disconnect terminal, Screw connection, 2.5 mm ² , 500 V, 24 A, Pivoting, dark beige |
| GTIN (EAN) | 4050118038323 |
| Qty. | 50 pc(s). |

W-Series
WDK 2.5/TR-DU

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|---------|-----------------|------------|
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Height | 72.5 mm | Height (inches) | 2.854 inch |
| Depth | 67.5 mm | Depth (inches) | 2.657 inch |
| Depth including DIN rail | 67 mm | Net weight | 14.86 g |

Temperatures

| | | | |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max. | 40 °C | Storage temperature, min. | 10 °C |
| Storage temperature | 10 °C...40 °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, One end without connector | 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 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

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

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1057876 | Current size C (CSA) | 20 A |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 30 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. | 0.5 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 | 4 | 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 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, 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 | | |

Disconnect terminals

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

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 |
| Power loss in accordance with IEC 60947-7-x | 0.77 W | Rated impulse withstand voltage | 8 kV |
| Pollution severity | 3 | | |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000902 | ETIM 7.0 | EC000902 |
| eClass 9.0 | 27-14-11-26 | eClass 9.1 | 27-14-11-26 |
| eClass 10.0 | 27-14-11-26 | | |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PT1002_20160418_699_ISSUE01.pdf |
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| Engineering Data | STEP |
| User Documentation | StorageConditionsTerminalBlocks |

Creation date May 2, 2020 5:41:05 PM CEST

Data sheet

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Technical data

Safety note

Safety notice

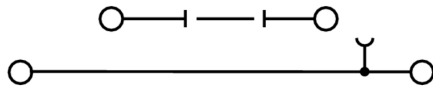
[Safety Information](#)

Data sheet

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Drawings



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Accessories

WQV 2.5



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

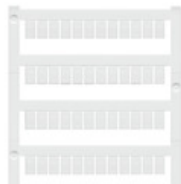
| | | |
|------------|----------------------------|---|
| Type | WQV 2.5/4 | Version |
| Order No. | 1053860000 | W-Series, Cross-connector, For the terminals, Number of poles: 4 |
| GTIN (EAN) | 4008190049706 | |
| Qty. | 50 pc(s). | |
| Type | WQV 2.5/3 | Version |
| Order No. | 1053760000 | W-Series,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

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Accessories

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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo 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). | |

Fuse carrier



DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

| 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). | |
| 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 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). | |

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Accessories

Component plug



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General ordering data

| | | |
|------------|----------------------------|-----------------------------------|
| Type | BEST/D | Version |
| Order No. | 1878560000 | Accessories, Component plug, 1 A |
| GTIN (EAN) | 4032248471492 | |
| Qty. | 50 pc(s). | |
| Type | BEST | Version |
| Order No. | 1833100000 | Accessories, Component plug |
| GTIN (EAN) | 4032248501014 | |
| Qty. | 50 pc(s). | |
| Type | BEST/DRBR | Version |
| Order No. | 1878570000 | Accessories, Component plug, 22 A |
| GTIN (EAN) | 4032248471508 | |
| Qty. | 50 pc(s). | |

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). | |

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Accessories

End brackets



Klippon® Connect with clamping yoke Technology

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General ordering data

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

End plates



Klippon® Connect with clamping yoke Technology

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | WAP WDK 2.5N/TR-DU | Version |
| Order No. | 1839850000 | W-Series, End plate, Intermediate plate |
| GTIN (EAN) | 4032248998319 | |
| Qty. | 50 pc(s). | |

Data sheet

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Accessories

Disconnect plug



DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

| | | |
|------------|----------------------------|------------------------------------|
| Type | TNST | Version |
| Order No. | 1833090000 | Accessories, Disconnect plug, 20 A |
| GTIN (EAN) | 4032248471485 | |
| Qty. | 50 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, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm |
| GTIN (EAN) | 4032248056286 | |
| Qty. | 1 pc(s). | |