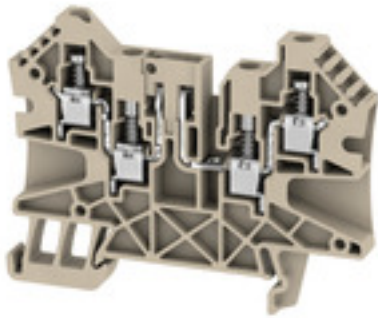


W-Series
WTR 4/ZZ STB/O.TNHE**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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 | WTR 4/ZZ STB/O.TNHE |
| Order No. | 2436360000 |
| Version | Test-disconnect terminal, Screw connection, 4 mm ² , 500 V, 27 A, without, dark beige |
| GTIN (EAN) | 4050118448665 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|----------|-----------------|------------|
| Width | 6.1 mm | Width (inches) | 0.24 inch |
| Height | 70 mm | Height (inches) | 2.756 inch |
| Depth | 53 mm | Depth (inches) | 2.087 inch |
| Net weight | 15.152 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 | | |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Material data

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

System specifications

| | | | |
|-------------------------------|-----|-------------------------------------|-------|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | Number of clamping points per level | 4 |
| 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

| | | | |
|-----------------------------|---------|----------------|---------|
| Number of similar terminals | 1 | Type of fixing | Snap-on |
| Type of mounting | Snap-on | | |

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Technical data**Conductors for clamping (rated connection)**

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 6 mm ² |
| Clamping range, min. | 0.05 mm ² | Clamping screw | M 3 |
| Connection cross-section, stranded, max. | 6 mm ² | Connection cross-section, stranded, min. | 1.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A4 |
| Number of connections | 4 | Stripping length | 10 mm |
| Tightening torque, max. | 1 Nm | Tightening torque, min. | 0.5 Nm |
| Torque level with DMS electric screwdriver | 2 | Type of connection | Screw connection |
| Wire connection cross section AWG, max. | AWG 10 | Wire connection cross section AWG, min. | AWG 22 |
| 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 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. | 6 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Disconnect terminals

| | | | |
|------------------|---------|----------------------|-----|
| Cross-disconnect | without | Integral test socket | Yes |
| Slitting | without | | |

Rating data

| | | | |
|--|-------------------|---|--------|
| Rated cross-section | 4 mm ² | Rated voltage | 500 V |
| Rated current | 27 A | Current at maximum wires | 27 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 | | |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 30 AWG | Conductor size Field wiring max. (cURus) | 10 AWG |
| Conductor size Field wiring min. (cURus) | 30 AWG | Current size B (cURus) | 25 A |
| Current size C (cURus) | 25 A | Voltage size B (cURus) | 600 V |
| Voltage size C (cURus) | 600 V | | |

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 | | |

Data sheet**W-Series**
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Approvals



ROHS

Conform

Downloads

| | |
|--------------------|---|
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| Engineering Data | STEP |
| User Documentation | StorageConditionsTerminalBlocks |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|

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Accessories

Test plug



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

| | | |
|------------|----------------------------|------------------------|
| Type | PS 2.3 RT | Version |
| Order No. | 0180400000 | Accessories, Test plug |
| GTIN (EAN) | 4008190060121 | |
| Qty. | 20 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



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 | 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). | |

BE6.3 bits - slotted

1/4" hexagon drive to DIN 3126, form E6.3 for direct machine connection
 Slot-head bits DIN 5264, 1/4" drive, E6.3 DIN 3126



General ordering data

| | | |
|------------|----------------------------|---|
| Type | BIT E6.3 Z 0.8X4.0X39 | Version |
| Order No. | 9025590000 | Screwdriver insert, Blade width (B): 4 mm, Blade length: 39 mm, |
| GTIN (EAN) | 4008190151935 | Blade thickness (A): 0.8 mm |
| Qty. | 10 pc(s). | |
| Type | BIT E6.3Z 0.6X3.5X70 | Version |
| Order No. | 9205670000 | Screwdriver insert, Blade width (B): 3.5 mm, Blade length: 70 mm, |
| GTIN (EAN) | 4032248772971 | Blade thickness (A): 0.6 mm |
| Qty. | 5 pc(s). | |

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Accessories

End brackets



Klippon® Connect with clamping yoke Technology

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General ordering data

| | | |
|------------|----------------------------|-----------------------|
| Type | WEW 35/2 | Version |
| Order No. | 1061200000 | W-Series, End bracket |
| GTIN (EAN) | 4008190030230 | |
| Qty. | 100 pc(s). | |

ZQV 4N



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

| | | |
|------------|----------------------------|------------------------------------|
| Type | ZQV 4N/4 GE | Version |
| Order No. | 1762620000 | Accessories, Cross-connector, 32 A |
| GTIN (EAN) | 4032248169771 | |
| Qty. | 60 pc(s). | |
| Type | ZQV 4N/3 GE | Version |
| Order No. | 1762630000 | Accessories, Cross-connector, 32 A |
| GTIN (EAN) | 4032248169788 | |
| Qty. | 60 pc(s). | |
| Type | ZQV 4N/2 GE | Version |
| Order No. | 1758250000 | Accessories, Cross-connector, 32 A |
| GTIN (EAN) | 4032248169795 | |
| Qty. | 60 pc(s). | |
| Type | ZQV 4N/10 GE | Version |
| Order No. | 1758260000 | Accessories, Cross-connector, 32 A |
| GTIN (EAN) | 4032248169764 | |
| Qty. | 20 pc(s). | |

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Accessories

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). | |

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). | |

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Accessories

PicoPak



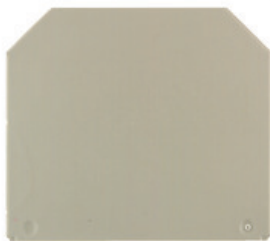
PicoPak: the robust one

- Space-saving in the control cabinet thanks to the slim 6 mm width
- Passive isolator, loop-powered at the input and output
- Increased operating temperature range: -40°C ...+70°C
- Zero and Span adjustment possible

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WS 12/6 MC NE WS | Version |
| Order No. | 1609900000 | WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, |
| GTIN (EAN) | 4008190203467 | Allen-Bradley, white |
| Qty. | 600 pc(s). | |

End plates



Klippon® Connect with clamping yoke Technology

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General ordering data

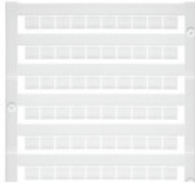
| | | |
|------------|----------------------------|---|
| Type | WAP WDU/WTR4/ZZ BL | Version |
| Order No. | 1190320000 | W-Series, End plate, Intermediate plate |
| GTIN (EAN) | 4032248991907 | |
| Qty. | 50 pc(s). | |
| Type | WAP WDU/WTR4/ZZ | Version |
| Order No. | 1905150000 | W-Series, End plate |
| GTIN (EAN) | 4032248523405 | |
| 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 5/6 MC NE WS | Version | |
| Order No. | 1609820000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 | |
| GTIN (EAN) | 4008190203436 | Weidmueller, white | |
| Qty. | 1,000 pc(s). | | |