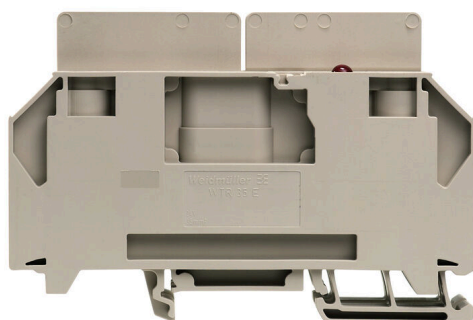


WTR 35 E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Earth-wire disconnect terminal helps detect earth faults and enables the earthing of the auxiliary circuit to be disconnected. The different kind of operation status is indicated by a red and green LED.

General ordering data

| | |
|-----------------|--|
| Version | Test-disconnect terminal, Screw connection, dark beige, 35 mm², 125 A, 24 V, Number of connections: 2, Number of levels: 1 |
| Order No. | 1045970000 |
| Type | WTR 35 E |
| GTIN (EAN) | 4032248784950 |
| Qty. | 5 items |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2025-12-31T00:00:00+01:00 |

WTR 35 E

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
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 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|--------------------------|-------------|----------------|-------------|
| Depth | 67.5 mm | Depth (inches) | 2.6575 inch |
| Depth including DIN rail | 68 mm | Height | 100 mm |
| Height (inches) | 3.937 inch | Width | 32 mm |
| Width (inches) | 1.2598 inch | Net weight | 172.83 g |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -50 °C...75 °C |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

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

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|----|
| Version | Screw connection, Spacer, with LED, in closed state | End cover plate required | No |
| 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 |
| Mounting rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

Conductors for clamping (additional connection)

| | |
|--|------------------|
| Connection type, additional connection | Screw connection |
|--|------------------|

Conductors for clamping (rated connection)

| | | | |
|----------------------|--------------------|---|-------------------|
| Gauge to IEC 60947-1 | B9 | Wire connection cross section AWG, max. | AWG 2 |
| Connection direction | on side | Tightening torque, min. | 4 Nm |
| Stripping length | 18 mm | Type of connection 2 | Screw connection |
| Type of connection | Screw connection | Number of connections | 2 |
| Clamping range, max. | 35 mm ² | Clamping range, min. | 4 mm ² |
| Clamping screw | M 6 | Blade size | 1.2 x 6.5 mm |

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Technical data

| | | | |
|---|-------------------|---|--------------------|
| Wire connection cross section AWG, min. | AWG 12 | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 35 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 4 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 35 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 4 mm ² | Wire connection cross section, finely stranded, max. | 35 mm ² |
| Wire connection cross section, finely stranded, min. | 4 mm ² | Connection cross-section, stranded, max. | 35 mm ² |
| Connection cross-section, stranded, min. | 4 mm ² | Wire connection cross-section, solid core, max. | 16 mm ² |
| Wire connection cross-section, solid core, min. | 4 mm ² | Connection cross-section, finely stranded, min. | 4 mm ² |

Dimensions

| | |
|--------------|-------|
| TS 35 offset | 50 mm |
|--------------|-------|

General

| | | | |
|---|-------|---|--------|
| Wire connection cross section AWG, max. | AWG 2 | Wire connection cross section AWG, min. | AWG 12 |
| Mounting rail | TS 35 | | |

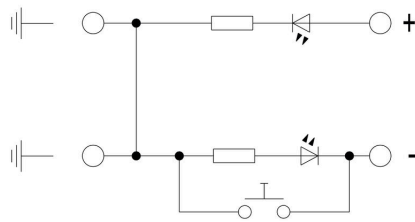
Rating data

| | | | |
|---------------------------------|--------------------|--|---------|
| Rated cross-section | 35 mm ² | Rated voltage | 24 V |
| Rated DC voltage | 24 V | Nominal current | 125 A |
| Current at maximum wires | 125 A | Volume resistance according to IEC 60947-7-x | 0.26 mΩ |
| Rated impulse withstand voltage | 0.8 kV | Power loss in accordance with IEC 60947-7-x | 4.00 W |
| Pollution severity | 3 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000902 | ETIM 9.0 | EC000902 |
| ETIM 10.0 | EC000902 | ECLASS 14.0 | 27-25-01-09 |
| ECLASS 15.0 | 27-25-01-09 | | |

Drawings



WTR 35 E

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Accessories

End bracket



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 | End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C |
| GTIN (EAN) | 4008190172282 | |
| Qty. | 50 ST | |

Slotted screwdriver

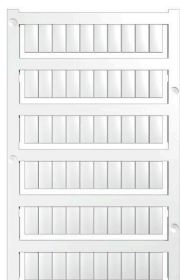


Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | SDS 1.2X6.5X150 | Version |
| Order No. | 9009010000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248266869 | |
| Qty. | 1 ST | |

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

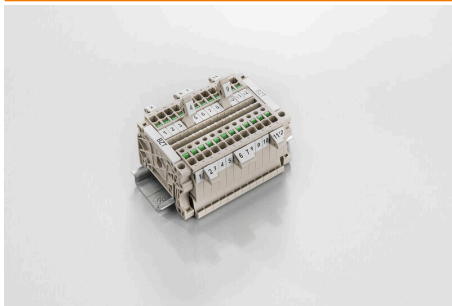
For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

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Accessories
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 ST | |

Marker holder


The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | BZT 1 WS 10/5 | Version |
| Order No. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 ST | |
| Type | BZT 1 ZA WS 10/5 | Version |
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 ST | |

WS 12/6

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

WTR 35 E**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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Germanywww.weidmueller.com**Accessories****General ordering data**

| | | |
|------------|----------------------------|--|
| Type | WS 12/6 MM WS | Version |
| Order No. | 2007200000 | WS, Terminal marker, 12 x 6 mm, Weidmueller, white |
| GTIN (EAN) | 4050118391886 | |
| Qty. | 600 ST | |

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 | DTLE 2.5/4 | Version |
| Order No. | 2910530000 | Locking element (terminal), Wemid, red |
| GTIN (EAN) | 4099986519466 | |
| Qty. | 25 ST | |