**Weidmüller** 

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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www.weidmueller.com

## Product image

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

## General ordering data

| | |
|---|---|
| Version | Fuse terminal, Screw connection, black, 4 mm², 6.3 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35 |
| Order No. | 1886580000 |
| Type | WSI 4 |
| GTIN (EAN) | 4032248492060 |
| Qty. | 50 items |

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## Technical data

### Approvals

| Approvals | |
|---|---|
| | CE  CSA  cURus  KEMA EUR  LR APPROVED |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 42.5 mm | Depth (inches) | 1.6732 inch |
| Depth including DIN rail | 54 mm | Height | 50.7 mm |
| Height (inches) | 1.9961 inch | Width | 8 mm |
| Width (inches) | 0.315 inch | Net weight | 9.75 g |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -5 °C...40 °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 | black |
| UL 94 flammability rating | V-0 | | |

### System specifications

| | | | |
|---|---|---|---|
| Version | Screw connection, Fuse isolator, in closed state | End cover plate required | No |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | 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

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

### CSA rating data

| | | | |
|---|---|---|---|
| Wire cross section max. (CSA) | 12 AWG | Voltage size C (CSA) | 300 V |
| Current size C (CSA) | 15 A | Certificate No. (CSA) | 200039-1575489 |
| Wire cross section min. (CSA) | 30 AWG | | |

### Conductors for clamping (additional connection)

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

**WSI 4**

## Technical data

### Conductors for clamping (rated connection)

| | |
|---|---|
| Gauge to IEC 60947-1 | A3 |
| Wire connection cross section AWG, max. | AWG 12 |
| Connection direction | on side |
| Tightening torque, max. | 0.4 Nm |
| Tightening torque, min. | 0.4 Nm |
| Stripping length | 8 mm |
| Type of connection 2 | Screw connection |
| Type of connection | Screw connection |
| Number of connections | 2 |
| Clamping range, max. | 4 mm² |
| Clamping range, min. | 0.5 mm² |
| Clamping screw | M 3 |
| Blade size | 0.6 x 3.5 mm |
| Wire connection cross section AWG, min. | AWG 22 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm² |
| Wire connection cross section, finely stranded, max. | 4 mm² |
| Wire connection cross section, finely stranded, min. | 0.5 mm² |
| Connection cross-section, stranded, max. | 4 mm² |
| Connection cross-section, stranded, min. | 0.5 mm² |
| Torque level with DMS electric screwdriver | 2 |
| Wire connection cross-section, solid core, max. | 4 mm² |
| Wire connection cross-section, solid core, min. | 0.5 mm² |
| Connection cross-section, finely stranded, min. | 0.5 mm² |

| Clampable conductor | Connection specification | Screw connection | | |
|---|---|---|---|---|
| | Cross-section for conductor connection | Type | solid, H05(07) V-U | |
| | | min. | 0.5 mm² | |
| | | max. | 4 mm² | |
| | | nominal | 4 mm² | |
| | wire end ferrule | Stripping length | min. | 8 mm |
| | | | max. | 8 mm |
| | | | nominal | 8 mm |
| | | Tightening torque | min. | 0.4 Nm |
| | | | max. | 0.4 Nm |
| | Connection specification | Screw connection | | |
| | Cross-section for conductor connection | Type | stranded, H07V-R | |
| | | min. | 1.5 mm² | |
| | | max. | 4 mm² | |
| | | nominal | 4 mm² | |
| | wire end ferrule | Stripping length | min. | 8 mm |
| | | | max. | 8 mm |
| | | | nominal | 8 mm |

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## Technical data

| | | | | |
|---|---|---|---|---|
| | | Tightening torque | min. | 0.4 Nm |
| | | | max. | 0.4 Nm |
| Connection specification | | Screw connection | | |
| Cross-section for conductor connection | | Type | flexible, H05(07) V-K | |
| | | min. | 0.5 mm² | |
| | | max. | 4 mm² | |
| | | nominal | 4 mm² | |
| wire end ferrule | | Stripping length | min. | 8 mm |
| | | | max. | 8 mm |
| | | | nominal | 8 mm |
| | | Tightening torque | min. | 0.4 Nm |
| | | | max. | 0.4 Nm |

### Dimensions

| | |
|---|---|
| TS 35 offset | 32.5 mm |

### General

| | | | |
|---|---|---|---|
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 22 |
| Standards | IEC 60947-7-3 | Mounting rail | TS 35 |

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 4 mm² | Rated voltage | 500 V |
| Rated voltage to adjoining terminal | 500 V | Rated DC voltage | 500 V |
| Nominal current | 6.3 A | Current at maximum wires | 6.3 A |
| Standards | IEC 60947-7-3 | Volume resistance according to IEC 60947-7-x | 1 mΩ |
| Rated impulse withstand voltage | 6 kV | Power loss in accordance with IEC 60947-7-x | 1.02 W |
| Pollution severity | 3 | | |

### UL rating data

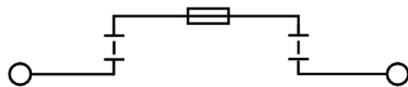| | | | |
|---|---|---|---|
| Conductor size Factory wiring max. (cURus) | 12 AWG | Voltage size B (cURus) | 300 V |
| Certificate No. (cURus) | E60693 | Conductor size Field wiring min. (cURus) | 30 AWG |
| Conductor size Factory wiring min. (cURus) | 30 AWG | Current size B (cURus) | 15 A |
| Voltage size C (cURus) | 300 V | Current size C (cURus) | 15 A |
| Conductor size Field wiring max. (cURus) | 12 AWG | | |

### Important note

| | |
|---|---|
| Product information | The voltage depends on the selected fuse element or the selected indicator light |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ETIM 8.0 | EC000899 | ETIM 9.0 | EC000899 |
| ETIM 10.0 | EC000899 | ECLASS 9.0 | 27-14-11-16 |
| ECLASS 9.1 | 27-14-11-16 | ECLASS 10.0 | 27-14-11-16 |
| ECLASS 11.0 | 27-14-11-16 | ECLASS 12.0 | 27-14-11-16 |
| ECLASS 13.0 | 27-25-01-13 | ECLASS 14.0 | 27-25-01-13 |
| ECLASS 15.0 | 27-25-01-13 | | |

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**WSI 4**

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## Accessories

### Fuse

As accessories for our wide product portfolio of fuse terminal blocks, we also offer the appropriate fuse links. The portfolio includes device protection fuses (miniature fuses) from 5x20 mm up to 10x38 mm, E 14 to E 18 fuse links, as well as automotive fuses and automatic circuit breakers. Gauge rings for the fuse holders round off the overall portfolio.

### General ordering data

| Type | G 20/0.25A/F | Version | |
|---|---|---|---|
| Order No. | 0430500000 | Miniature fuse, quick-acting, 0.25 A, G-Si. 5 x 20 | |
| GTIN (EAN) | 4008190153991 | | |
| Qty. | 10 ST | | |
| Type | G 20/0.50A/F | Version | |
| Order No. | 0430600000 | Miniature fuse, quick-acting, 0.5 A, G-Si. 5 x 20 | |
| GTIN (EAN) | 4008190046835 | | |
| Qty. | 10 ST | | |
| Type | G 20/1.00A/F | Version | |
| Order No. | 0430700000 | Miniature fuse, quick-acting, 1 A, G-Si. 5 x 20 | |
| GTIN (EAN) | 4008190093877 | | |
| Qty. | 10 ST | | |
| Type | G 20/2.00A/F | Version | |
| Order No. | 0430900000 | Miniature fuse, quick-acting, 2 A, G-Si. 5 x 20 | |
| GTIN (EAN) | 4008190123567 | | |
| Qty. | 10 ST | | |

### Combined screwing and cutting tool "Swifty® CS"

Combined cutting/stripping tool Swifty® CS and Swifty® CS set for crimp-free cutting and stripping of copper cables up to 1.5 mm² solid and 2.5 mm² flexible.

### General ordering data

| Type | SWIFTY CS SET | Version |
|---|---|---|
| Order No. | 9006060000 | Cutting and screwing-tool, Cutting tool for one-hand operation |
| GTIN (EAN) | 4032248257638 | |
| Qty. | 1 ST | |

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## Accessories

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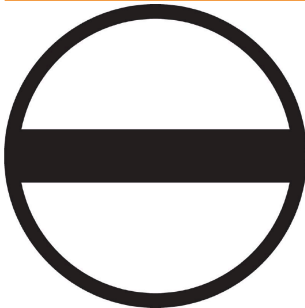
Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

#### General ordering data

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

### 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. | 1000 ST | |

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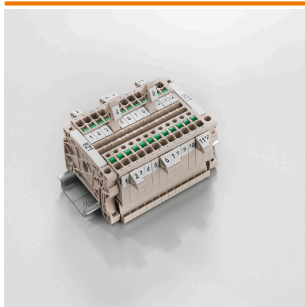
The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found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

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## Accessories

### 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 | | |

### End bracket
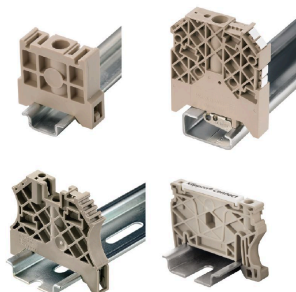


Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

### General ordering data

| Type | ZST 1 | Version | |
|---|---|---|---|
| Order No. | 1269070000 | Accessories, Accessories holder | |
| GTIN (EAN) | 4050118094091 | | |
| Qty. | 25 ST | | |