

**TS 35X7.5/LL 2M/ST/ZN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

**General ordering data**

|            |                                                                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Terminal rail, with slot, Accessories, 35 x 7.5 x 2000 mm, Slit width: 5.20 mm, Slit length: 25.00 mm, Steel, galvanic zinc plated and passivated |
| Order No.  | <a href="#">0514500000</a>                                                                                                                        |
| Type       | TS 35X7.5/LL 2M/ST/ZN                                                                                                                             |
| GTIN (EAN) | 4008190046019                                                                                                                                     |
| Qty.       | 2 m                                                                                                                                               |

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 7.5 mm   | Depth (inches)  | 0.295 inch |
| Height     | 35 mm    | Height (inches) | 1.378 inch |
| Width      | 2,000 mm | Width (inches)  | 78.74 inch |
| Net weight | 312.5 g  |                 |            |

## Mounting rail

|                                                                    |                                     |          |
|--------------------------------------------------------------------|-------------------------------------|----------|
| Drill-hole diameter                                                | 5.2 mm                              |          |
| Installation advice                                                | Direct mounting                     |          |
| Length of the terminal rail                                        | max.                                | 2,000 mm |
|                                                                    | min.                                | 0 mm     |
|                                                                    | nominal                             | 2,000 mm |
| Material                                                           | Steel                               |          |
| Pre-punched mounting rail                                          | Yes                                 |          |
| Short circuit strength corresponds to E-Cu wire                    | 16 mm²                              |          |
| Short-time withstand current per second according to IEC 60947-7-2 | 1.92 kA                             |          |
| Slit gap                                                           | 11 mm                               |          |
| Slit gap                                                           |                                     |          |
| Slit length                                                        | 25 mm                               |          |
| Slit length                                                        |                                     |          |
| Slit width                                                         | 5.2 mm                              |          |
| Slit width                                                         |                                     |          |
| Slotted drill holes                                                | Yes                                 |          |
| Solder eyelet hole diameter (D)                                    | 5.2 mm                              |          |
| Spacing of holes, centre-to-centre                                 | 36 mm                               |          |
| Standards                                                          | DIN EN 60715                        |          |
| Surface finish                                                     | galvanic zinc plated and passivated |          |
| Thickness                                                          | 1 mm                                |          |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001285    | ETIM 7.0    | EC001285    |
| ETIM 8.0    | EC001285    | ETIM 9.0    | EC001285    |
| ECLASS 9.0  | 27-40-06-02 | ECLASS 9.1  | 27-40-06-02 |
| ECLASS 10.0 | 27-40-06-02 | ECLASS 11.0 | 27-40-06-02 |
| ECLASS 12.0 | 27-40-06-02 | ECLASS 13.0 | 27-40-06-02 |

## Approvals

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

## Downloads

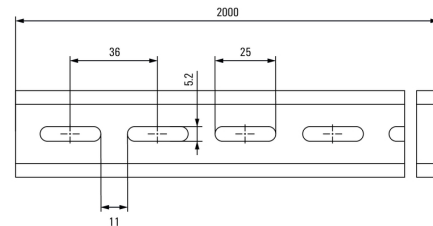
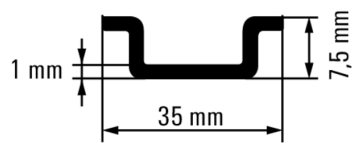
|                    |                                                 |
|--------------------|-------------------------------------------------|
| Engineering Data   | <a href="#">CAD data – STEP</a>                 |
| Engineering Data   | <a href="#">Zuken E3.S</a>                      |
| User Documentation | <a href="#">StorageConditionsTerminalBlocks</a> |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>        |
| Brochures          |                                                 |

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# Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****W-Series**

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.  | <a href="#">1059000000</a> | End bracket, Wemid, dark beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190172282              |                                                              |
| Qty.       | 50 pc(s).                  |                                                              |
| Type       | WEW 35/2                   | Version                                                      |
| Order No.  | <a href="#">1061200000</a> | End bracket, Wemid, dark beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190030230              |                                                              |
| Qty.       | 50 pc(s).                  |                                                              |

**Z-Series**

Z  
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       | ZEW 35/2                   | Version                                              |
| Order No.  | <a href="#">8630740000</a> | End bracket, Wemid, dark beige, Rail: TS 35, Snap-on |
| GTIN (EAN) | 4032248348916              |                                                      |
| Qty.       | 20 pc(s).                  |                                                      |
| Type       | ZEW 35                     | Version                                              |
| Order No.  | <a href="#">9540000000</a> | End bracket, Wemid, dark beige, Rail: TS 35, Snap-on |
| GTIN (EAN) | 4008190956264              |                                                      |
| Qty.       | 20 pc(s).                  |                                                      |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****End caps**

End caps for the mounting rails provide protection against sharp edges and visually close off the end of the mounting rail.

**General ordering data**

|            |                            |                                                                      |
|------------|----------------------------|----------------------------------------------------------------------|
| Type       | TS END CAP 35X7.5          | Version                                                              |
| Order No.  | <a href="#">1283470000</a> | Terminal cover, Polypropylene, dark beige, Height: 37.5 mm, Width: 7 |
| GTIN (EAN) | 4050118078701              | mm, Depth: 9 mm                                                      |
| Qty.       | 100 pc(s).                 |                                                                      |

**Mounting feet**

Mounting feet are used to mount components that cannot be snapped directly on a DIN rail.

**General ordering data**

|            |                            |                                            |
|------------|----------------------------|--------------------------------------------|
| Type       | FM 4/TS35                  | Version                                    |
| Order No.  | <a href="#">0687900000</a> | Mounting foot on mounting rail, TS 35, M 4 |
| GTIN (EAN) | 4008190086459              |                                            |
| Qty.       | 40 pc(s).                  |                                            |

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## Accessories

### Mounting feet



Mounting feet are used to mount components that cannot be snapped directly on a DIN rail.

### General ordering data

|            |                            |                          |
|------------|----------------------------|--------------------------|
| Type       | MOFU 35/LO/1               | Version                  |
| Order No.  | <a href="#">0646260000</a> | Mounting foot (terminal) |
| GTIN (EAN) | 4008190178574              |                          |
| Qty.       | 20 pc(s).                  |                          |

### Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

### General ordering data

|            |                            |                                        |
|------------|----------------------------|----------------------------------------|
| Type       | WSH 1                      | Version                                |
| Order No.  | <a href="#">1068700000</a> | Accessories, Rail support, PA 66 GF 30 |
| GTIN (EAN) | 4008190118389              |                                        |
| Qty.       | 10 pc(s).                  |                                        |
| Type       | WSH 3/H/N                  | Version                                |
| Order No.  | <a href="#">1715970000</a> | Accessories, Rail support, Wemid       |
| GTIN (EAN) | 4008190353100              |                                        |
| Qty.       | 10 pc(s).                  |                                        |
| Type       | WSH 6                      | Version                                |
| Order No.  | <a href="#">1080200000</a> | Accessories, Rail support, Wemid       |
| GTIN (EAN) | 4008190965150              |                                        |
| Qty.       | 10 pc(s).                  |                                        |
| Type       | WSH 5                      | Version                                |
| Order No.  | <a href="#">1080100000</a> | Accessories, Rail support, Wemid       |
| GTIN (EAN) | 4008190965143              |                                        |
| Qty.       | 10 pc(s).                  |                                        |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Screws**

Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

**General ordering data**

|            |                            |                                                         |
|------------|----------------------------|---------------------------------------------------------|
| Type       | FKSC M5X8 D9/SW2.5         | Version                                                 |
| Order No.  | <a href="#">0295900000</a> | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190133337              |                                                         |
| Qty.       | 50 pc(s).                  |                                                         |
| Type       | FKSC M4X6 D8/SW2           | Version                                                 |
| Order No.  | <a href="#">1567480000</a> | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190033491              |                                                         |
| Qty.       | 100 pc(s).                 |                                                         |
| Type       | FKSC M6X12 D9/SW3          | Version                                                 |
| Order No.  | <a href="#">0353500000</a> | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190139285              |                                                         |
| Qty.       | 50 pc(s).                  |                                                         |

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## Accessories

## Installation material

**Integrate, expand and customise - the perfect supplement to every application**

The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

**Mounting hardware kits**

Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.

The **label fastening set – SD** is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.

The **universal fastening set – TPSD** has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

**General ordering data**

|            |                            |                                                            |
|------------|----------------------------|------------------------------------------------------------|
| Type       | FKSC M6X8 D9/SW3           | Version                                                    |
| Order No.  | <a href="#">0642600000</a> | Klippon TB (Terminal Box), Mounting screw, Material: Steel |
| GTIN (EAN) | 4008190058258              |                                                            |
| Qty.       | 50 pc(s).                  |                                                            |

**SAK-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       | EW 35                      | Version                                                 |
| Order No.  | <a href="#">0383560000</a> | End bracket, Wemid, beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190181314              |                                                         |
| Qty.       | 50 pc(s).                  |                                                         |
| Type       | EW 35/SCHA/M3              | Version                                                 |
| Order No.  | <a href="#">0258660000</a> | End bracket, Wemid, beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190033477              |                                                         |
| Qty.       | 20 pc(s).                  |                                                         |

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## Accessories

|            |                            |                                                        |
|------------|----------------------------|--------------------------------------------------------|
| Type       | EW 35 GR 7032              | Version                                                |
| Order No.  | <a href="#">0383530000</a> | End bracket, Wemid, grey, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190027322              |                                                        |
| Qty.       | 50 pc(s).                  |                                                        |

## Mounting rail support



Mounting rail supports can be used to mount din rails at any location in the cabinet. The resulting raised or angled din rail offers the installer both easier component mounting and wiring.

## General ordering data

|            |                            |                                             |
|------------|----------------------------|---------------------------------------------|
| Type       | SH 2                       | Version                                     |
| Order No.  | <a href="#">0494920000</a> | Busbar support                              |
| GTIN (EAN) | 4008190007584              |                                             |
| Qty.       | 10 pc(s).                  |                                             |
| Type       | TSTW 5/M5                  | Version                                     |
| Order No.  | <a href="#">0178100000</a> | Mounting foot for mounting rail, M 5, Steel |
| GTIN (EAN) | 4008190059651              |                                             |
| Qty.       | 10 pc(s).                  |                                             |
| Type       | TSTW D 4.3                 | Version                                     |
| Order No.  | <a href="#">1610110000</a> | Mounting foot for mounting rail, Steel      |
| GTIN (EAN) | 4008190185305              |                                             |
| Qty.       | 10 pc(s).                  |                                             |
| Type       | TST 2/M5                   | Version                                     |
| Order No.  | <a href="#">1286600000</a> | Mounting foot for mounting rail, M 5, Steel |
| GTIN (EAN) | 4008190144777              |                                             |
| Qty.       | 10 pc(s).                  |                                             |
| Type       | TSTW 5/M5 ZN               | Version                                     |
| Order No.  | <a href="#">1779100000</a> | Mounting foot for mounting rail, M 5, Steel |
| GTIN (EAN) | 4032248169894              |                                             |
| Qty.       | 10 pc(s).                  |                                             |
| Type       | TSTW 6/M6                  | Version                                     |
| Order No.  | <a href="#">0164000000</a> | Mounting foot for mounting rail, M 6, Steel |
| GTIN (EAN) | 4008190095345              |                                             |
| Qty.       | 10 pc(s).                  |                                             |
| Type       | TST 2/M6                   | Version                                     |
| Order No.  | <a href="#">0101700000</a> | Mounting foot for mounting rail, M 6, Steel |
| GTIN (EAN) | 4008190069254              |                                             |
| Qty.       | 10 pc(s).                  |                                             |