

## Mounting rails

**TS 35 x 7.5**  
Steel

**TS 35 x 7.5**  
Slotted steel

**TS 35 x 7.5**  
Aluminium

**TS 35 x 15**  
Steel

**TS 35 x 15**  
Slotted steel

**TS 35 x 15/2.3**  
Steel

**TS 35 x 15/2.3**  
Copper

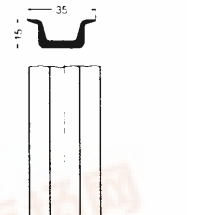
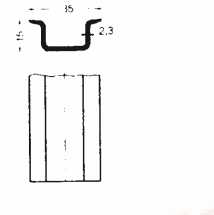
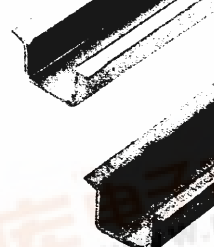
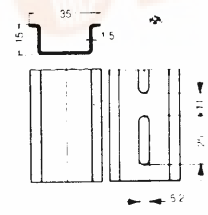
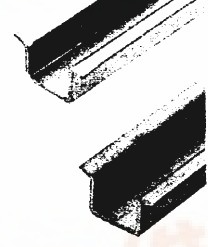
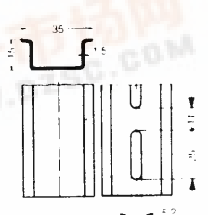
**TSK 35 x 15**  
PVC

The mounting rail can also be used as a protective busbar. Weidmüller PE terminals of the W and SAK series meet the requirements specified in VDE 0611 Part 3. In accordance with VDE 0100 Part 540, at conductor cross-sections of 10 mm<sup>2</sup> and more, protective conductor and neutral conductor can be combined into one line with the symbol OPEN. If mounting rail is used as a PEN busbar, the following criteria must be observed:

- Only an E-Cu profile may be used
- The short-circuit currents and the rated terminal currents must be observed.
- The mounting rails must be insulated for the protective measure, "protective insulation"

Depending on the various applications, the mounting rails are made of steel, aluminium or copper. All steel versions are electroplated and additionally passivated with a yellow chromate coating. For reasons of shipping, 1 m mounting rails are supplied for quantities for up to 10 m.

All non-slotted mounting rails can be provided with fixing holes (please state dimensions b and l2). Additionally, all non-slotted steel rails can be supplied with welded steel bolts (please state dimensions a and the desired bolt).



### Ordering data

|                        | Type        | Cat.No.     | Qty. | Type       | Cat.No.     | Qty. | Type       | Cat.No.     | Qty. | Type        | Cat.No. | Qty. |
|------------------------|-------------|-------------|------|------------|-------------|------|------------|-------------|------|-------------|---------|------|
| Steel, l = 2 m         | TS 35 x 7.5 | 038340      | 1    | TS 35 x 15 | 023640      | 1    | TS 35 x 15 | 049800      | 1    |             |         |      |
| Steel, l = 1 m         | TS 35 x 7.5 | 03834-100cm | 1    | TS 35 x 15 | 02364-100cm | 1    | TS 35 x 15 | 04980-100cm | 1    |             |         |      |
| Slotted steel, l = 2 m | TS 35 x 7.5 | 067620      | 1    | TS 35 x 15 | 023650      | 1    |            |             |      |             |         |      |
| Slotted steel, l = 1 m | TS 35 x 7.5 | 06762-100cm | 1    | TS 35 x 15 | 02365-100cm | 1    |            |             |      |             |         |      |
| Alu                    | TS 35 x 7.5 | 033080      | 1    |            |             |      |            |             |      |             |         |      |
| Slotted Alu            |             |             |      |            |             |      |            |             |      |             |         |      |
| Cu                     |             |             |      |            |             |      | TS 35 x 15 | 027010      | 1    |             |         |      |
| PVC grey               |             |             |      |            |             |      |            |             |      | TSK 35 x 15 | 051430  | 1    |

### Technical data

|                                                | St            | AL            |
|------------------------------------------------|---------------|---------------|
| Material                                       | St 2 plated   | AL bare       |
| Standard                                       | DIN EN 50 022 | DIN EN 50 022 |
| Short-circuit resistance $\geq$ E-Cu conductor | 16 $\Omega$   | 35 $\Omega$   |
| Max. allowable rated current for PEN function  |               |               |

|                                                | St            | Cu           |     |
|------------------------------------------------|---------------|--------------|-----|
| Material                                       | St 2 plated   | Cu, bare     | PVC |
| Standard                                       | DIN EN 50 022 |              |     |
| Short-circuit resistance $\geq$ E-Cu conductor | 50 $\Omega$   | 150 $\Omega$ |     |
| Max. allowable rated current for PEN function  |               | 335 A        |     |

### End bracket

|              | EW 35    | 038356 | 50 | EW 35    | 038356 | 50 | EW 35    | 038356 | 50 | EW 35    | 038356 | 50 |
|--------------|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|
| See page 3/4 | WEW 35/1 | 105900 | 50 | WEW 35/1 | 105900 | 50 | WEW 35/1 | 105900 | 50 | WEW 35/1 | 105900 | 50 |
|              | WEW 35/2 | 106120 | 50 | WEW 35/2 | 106120 | 50 | WEW 35/2 | 106120 | 50 | WEW 35/2 | 106120 | 50 |

For TS 32 slotted rail

### Mounting rail support

|              | (M 5 thread) | TSTW 5 | 017810 | 10 | TSTW 5 | 017810 | 10 | TSTW 5 | 017810 | 10 | TSTW 5 | 017810 | 10 |
|--------------|--------------|--------|--------|----|--------|--------|----|--------|--------|----|--------|--------|----|
| See page 3/5 | (M 6 thread) | TSTW 6 | 016400 | 10 |        |        |    | TSTW 6 | 016400 | 10 | TSTW 6 | 016400 | 10 |
|              | (M 6 thread) | TST 2  | 010170 | 10 |        |        |    | TST 2  | 010170 | 10 | TST 2  | 010170 | 10 |

### Fixing screw

|              | FKSC M 6x12 | 035350 | 50 | FKSC M 6x12 | 035350 | 50 | FKSC M 6x12 | 035350 | 50 | FKSC M 6x12 | 035350 | 50 |
|--------------|-------------|--------|----|-------------|--------|----|-------------|--------|----|-------------|--------|----|
| See page 3/5 | FKSC M 6x8  | 064260 | 50 | FKSC M 6x8  | 064260 | 50 | FKSC M 6x8  | 064260 | 50 | FKSC M 6x8  | 064260 | 50 |
|              | FKSC M 5x8  | 029590 | 50 | FKSC M 5x8  | 029590 | 50 | FKSC M 5x8  | 029590 | 50 | FKSC M 5x8  | 029590 | 50 |

### Mounting base

|                       | FM 4          | 068790 | 40 | FM 4          | 068790 | 40 | FM 4 | 068790 | 40 |  |  |  |
|-----------------------|---------------|--------|----|---------------|--------|----|------|--------|----|--|--|--|
| Steel with M 4 thread | Mounting base | 064626 | 20 | Mounting base | 064626 | 20 |      |        |    |  |  |  |

Polyamide 66 orange  
With M 3 and M 5 thread (Cream)  
With M 6 and M 4 thread (grey) or with M 5 and M 3 (black) see page 3/5

### Support block

|  | SH 2 | 049492 | 10 | SH 2 | 049492 | 10 | SH 2 | 049492 | 10 | SH 2 | 049492 | 10 |
|--|------|--------|----|------|--------|----|------|--------|----|------|--------|----|
|--|------|--------|----|------|--------|----|------|--------|----|------|--------|----|

See page 3/15, similar to SH 2 S

Locking pin  
Locking pin, steel (length as desired)  
Locking pin, brass (length as desired)



**TS 32**

Steel

**TS 32**

Slotted steel

**TS 32**

Aluminium

**TS 32**

Copper

**TS 15**

Steel

**TS 15**

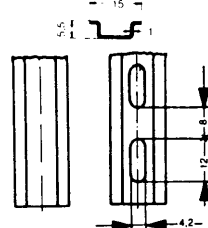
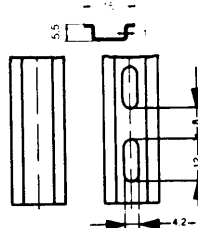
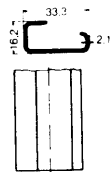
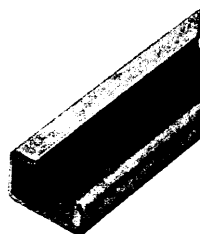
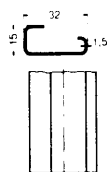
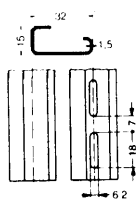
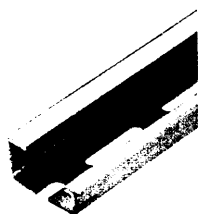
Slotted steel

**TS 15**

Aluminium

**TS 15**

Slotted aluminium

**TAS 20****SFNS Nuts**

| Type                        | Cat.No.     | Qty. | Type        | Cat.No. | Qty. | Type        | Cat.No. | Qty. | Type                         | Cat.No.                     | Qty. | Type       | Cat.No. | Qty. | Type   | Cat.No. | Qty. |
|-----------------------------|-------------|------|-------------|---------|------|-------------|---------|------|------------------------------|-----------------------------|------|------------|---------|------|--------|---------|------|
| TS 32                       | 012280      | 1    |             |         |      |             |         |      | TS 15                        | 051420                      | 1    |            |         |      | TAS 20 | 031640  | 1    |
| TS 32                       | 01228-100cm | 1    |             |         |      |             |         |      | TS 15                        | 05142-100cm                 | 1    |            |         |      | M4 Nut | 050000  | 1    |
| TS 32                       | 067610      | 1    |             |         |      |             |         |      | TS 15                        | 011750                      | 1    |            |         |      | M5 Nut | 043350  | 1    |
| TS 32                       | 06761-100cm | 1    |             |         |      |             |         |      | TS 15                        | 01175-100cm                 | 1    |            |         |      |        |         |      |
|                             |             |      | TS 32       | 016930  | 1    |             |         |      |                              |                             |      | TS 15      | 013470  | 1    |        |         |      |
|                             |             |      |             |         |      | TS 32       | 036430  | 1    |                              |                             |      | TS 15      | 021790  | 1    |        |         |      |
|                             |             |      |             |         |      |             |         |      |                              |                             |      |            |         |      |        |         |      |
| St 2 plated<br>DIN EN 50035 |             |      | AL bare     |         |      | Cu. bare    |         |      | Steel                        | slotted                     |      | AL bare    |         |      |        |         |      |
| 35 Ω                        |             |      | 70 Ω        |         |      | 120 Ω       |         |      | St 2 plated<br>DIN EN 50 045 | St 2 plated<br>DIN EN 50045 |      | 16 Ω       |         |      |        |         |      |
|                             |             |      | 207 A       |         |      | 292 A       |         |      | 10 Ω                         | 6 Ω                         |      | 82 A       |         |      |        |         |      |
| EWK 1                       | 020616      | 50   | EWK 1       | 020616  | 50   | EWK 1       | 020616  | 50   | EW 15                        | 038286                      | 50   | EW 15      | 038286  | 50   |        |         |      |
| EWK 2                       | 019936      | 50   | EWK 2       | 019936  | 50   | EWK 2       | 019936  | 50   |                              |                             |      |            |         |      |        |         |      |
| EWK                         | 049516      | 50   |             |         |      |             |         |      |                              |                             |      |            |         |      |        |         |      |
| TSTW 5                      | 017810      | 10   | TSTW 5      | 017810  | 10   | TSTW 5      | 017810  | 10   |                              |                             |      |            |         |      |        |         |      |
| TSTW 6                      | 016400      | 10   | TSTW 6      | 016400  | 10   | TSTW 6      | 016400  | 10   |                              |                             |      |            |         |      |        |         |      |
| TST 2                       | 010170      | 10   | TST 2       | 010170  | 10   | TST 2       | 010170  | 10   |                              |                             |      |            |         |      |        |         |      |
| FKSC M 6x12                 | 035350      | 50   | FKSC M 6x12 | 035350  | 50   | FKSC M 6x12 | 035350  | 50   | BS M 4x6                     | 013630                      | 100  | BS M 4x6   | 013630  | 100  |        |         |      |
| FKSC M 6x8                  | 064260      | 50   | FKSC M 6x8  | 064260  | 50   | FKSC M 6x8  | 064260  | 50   | FKSC M 4x6                   | 156748                      | 100  |            |         |      |        |         |      |
| FKSC M 5x8                  | 029590      | 50   | FKSC M 5x8  | 029590  | 50   | FKSC M 5x8  | 029590  | 50   |                              |                             |      |            |         |      |        |         |      |
| MB 3/5                      | 050350      | 20   | MB 3/5      | 050350  | 20   | MB 3/5      | 050350  | 20   |                              |                             |      |            |         |      |        |         |      |
| MB 6/4                      | 033490      | 20   | MB 6/4      | 033490  | 20   | MB 6/4      | 033490  | 20   |                              |                             |      |            |         |      |        |         |      |
| MB 5/3                      | 055340      | 20   | MB 5/3      | 055340  | 20   | MB 5/3      | 055340  | 20   |                              |                             |      |            |         |      |        |         |      |
| SH 2                        | 049492      | 10   | SH 2        | 049492  | 10   | SH 2        | 049492  | 10   | SH 1                         | 029986                      | 20   | SH 1       | 029986  | 20   |        |         |      |
| SST 3                       | 015270      | -    | SST 3       | 015270  | -    | SST 3       | 015270  | -    | SST 1.3                      | 030660                      | -    | SST 1.3    | 030660  | -    |        |         |      |
| SST 3 Ms                    | 016940      | -    | SST 3 Ms    | 016940  | -    | SST 3 Ms    | 016940  | -    | SST 1.3 Ms                   | 030820                      | -    | SST 1.3 Ms | 030820  | -    |        |         |      |

