

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

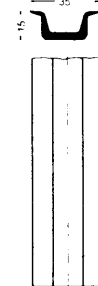
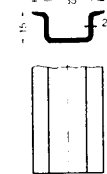
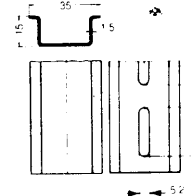
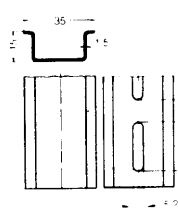
TSK 35 x 15
PVC

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 mm² and more, protective conductor and neutral conductor can be combined into one line with the symbol 0PEN. 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 of 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							TS 35 x 15	027010	1			
Cu										TSK 35 x 15	051430	1
PVC grey												

Technical data

Material
Standard
Short-circuit resistance $\geq$ E-Cu conductor
Max. allowable rated current for PEN function

St	AL	St 2 plated	St	Cu	PVC
St 2 plated	AL bare	St 2 plated	St 2 plated	Cu, bare	PVC
DIN EN 50022	DIN EN 50022	DIN EN 50022	DIN EN 50022	DIN EN 50022	DIN EN 50022
16 Ω	35 Ω	25 Ω	50 Ω	150 Ω	335 A

End bracket

See page 3/4

EW 35	038356	50	EW 35	038356	50	EW 35	038356	50	EW 35	038356	50
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

See page 3/5

(M 5 thread)	TSTW 5	017810	10	TSTW 5	017810	10	TSTW 5	017810	10	TSTW 5	017810	10
(M 6 thread)	TSTW 6	016400	10	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	TST 2	010170	10

Fixing screw

With hexagon socket for TSTW and TST

FKSC M 6x12	035350	50	FKSC M 6x12	035350	50	FKSC M 6x12	035350	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

See page 3/5

Mounting base

Steel with M 4 thread
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

FM 4	068790	40	FM 4	068790	40	FM 4	068790	40
Mounting base	064626	20	Mounting base	064626	20			

Support block

See page 3/15, similar to SH 2 S

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

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

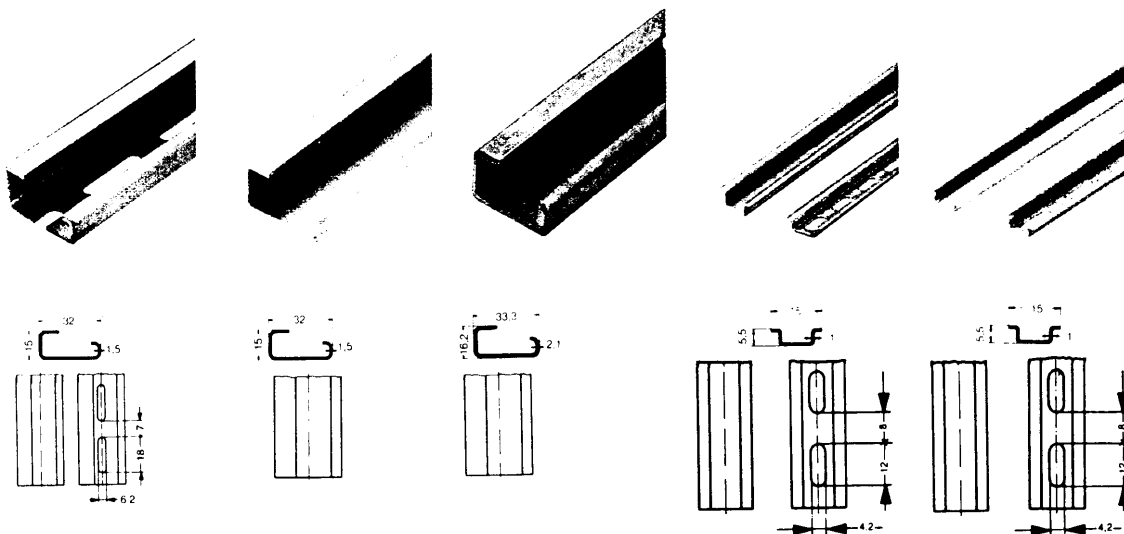
TS 15
Slotted steel

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 DIN EN 50035			AL bare			Cu. bare			Steel			slotted			AL bare		
35 Ω			70 Ω			120 Ω			St 2 plated			St 2 plated					
			207 A			292 A			DIN EN 50 045			DIN EN 50 045					
									10 Ω			6 Ω			16 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	-			