

# 5 Shield (Screen) Clamping Saddles










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	Shield (screen) clamping saddle, 11 mm / 0.433 in wide For conductors with a diameter of up to 8 mm / 0.315 in	Shield (screen) clamping saddle, 19 mm / 0.748 in wide For conductors with a diameter of 7 mm / 0.276 in to 16 mm / 0.63 in
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**Note:**  
Cannot be used for the connection of ground (earth) conductors!



Recommended tightening torque: 0.5 Nm

Description	Item-No.	Pack.-unit pcs	Item-No.	Pack.-unit pcs		
Shield (screen) clamping saddle, incl. knurled screw Diameter of connectable conductor	Shield (screen) clamping saddle, 11 mm/0.433 in wide up to 8 mm/0.315 in	790-108	50	Shield (screen) clamping saddle, 19 mm/0.748 in wide 7 mm/0.276 in to 16 mm/0.63 in	790-116	50
<b>Accessories</b>						
 Carrier w. grounding foot, bar 90° to the rail, 10 mm (0.394 in) x 3 mm (0.118 in), bar a. foot - Cu w. tin plating	45 mm / 1.772 in long	790-113	25	45 mm / 1.772 in long	790-113	25
 Carrier w. grounding foot, bar parallel to the rail, 10 mm (0.394 in) x 3 mm (0.118 in), bar a. foot - Cu w. tin plating	45 mm / 1.772 in long	790-114	25	45 mm / 1.772 in long	790-114	25
 Carrier w. 2 grounding feet, bar parallel to the rail, 10 mm (0.394 in) x 3 mm (0.118 in), bar a. foot - Cu w. tin plating	125 mm / 4.921 in long	790-115	25	125 mm / 4.921 in long	790-115	25
 Carrier rail, special perforated, 1000 mm / 3.3" long, Cu with tin plating, special lengths on request		790-145	1		790-145	1
 Stand off, for special perforated carrier rail, use M5 size screw		790-144	200 (2 x 100)		790-144	200 (2 x 100)
 Straight busbar, 10 mm (0.394 in) x 3 mm (0.118 in), bar - Cu with tin plating	1000 mm / 3.3" long	210-133	20 (20 x 1)	1000 mm / 3.3" long	210-133	20 (20 x 1)
	30 mm / 1.181 in long	790-133	20 (20 x 1)	30 mm / 1.181 in long	790-133	20 (20 x 1)
	50 mm / 1.969 in long	790-134	20 (20 x 1)	50 mm / 1.969 in long	790-134	20 (20 x 1)
 Insulated mounting foot, for busbar, with standard screw M4 x 8 mm	grey	790-100	50 (2 x 25)	grey	790-100	50 (2 x 25)
 Insulated mounting foot, for busbar, with sheet metal screw (3.5 x 9) mm	grey	790-101	50 (2 x 25)	grey	790-101	50 (2 x 25)
 U-shaped busbar, 10 mm (0.394 in) x 3 mm (0.118 in), Cu with tin plating	suitable for I/O modules, series 750			suitable for I/O modules, series 750		
	length for 5 I/O modules	790-190	25 (5 x 5)	length for 5 I/O modules	790-190	25 (5 x 5)
	length for 8 I/O modules	790-191	25 (25 x 1)	length for 8 I/O modules	790-191	25 (25 x 1)

## Application notes

The shield (screen) clamping saddle is shipped ▶ ready for direct connection to the busbar 10 mm (0.394 in) x 3 mm (0.118 in) or to a drilled mounting plate. After connection, tighten the knurled screw to complete the installation.

To remove a shield (screen) clamping saddle, ▶▶ unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.



Assembly



Removal