

Data sheet | Item number: 790-116

Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ...
16 mm

www.wago.com/790-116



Data

Notes

Safety information 1

Cannot be used for connecting ground conductors!

Technical data

Main product function

Shield clamping saddle

Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.

Safety information 1

Cannot be used for connecting ground conductors!

Physical data

Width	19 mm / 0.748 inch
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Material data

Weight	16.6 g
Material	Steel V2A Stainless steel

Commercial data

Product Group	2 (Terminal Block Accessories)
PU (SPU)	50 (10) Stück
Packaging type	box
Country of origin	DE
GTIN	4017332611756
Customs tariff number	85369010000

Optional accessories

N-busbar

Shield termination

**Item no.: 790-191**

U-shaped busbar; Cu 10 mm x 3 mm; for 8 I/O; suitable for 750 Series I/O modules

www.wago.com/790-191**Item no.: 790-190**

U-shaped busbar; Cu 10 mm x 3 mm; for 5 I/O; suitable for 750 Series I/O modules

www.wago.com/790-190**Item no.: 790-192**

U-shaped busbar; Cu 10 mm x 3 mm; for 5 I/O; suitable for 750 Series I/O modules

www.wago.com/790-192**Item no.: 790-193**

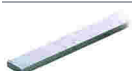
U-shaped busbar; Cu 10 mm x 3 mm; for 8 I/O; suitable for 750 Series I/O modules; silver-colored

www.wago.com/790-193

Mounting accessories

**Item no.: 210-133**

Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm; white

www.wago.com/210-133**Item no.: 790-133**

Busbar; tin-plated; 30 mm long; Cu 10 mm x 3 mm

www.wago.com/790-133

Subject to changes. Please also observe the further product documentation!

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**Item no.: 790-134**

Busbar; tin-plated; 50 mm long; Cu 10 mm x 3 mm

www.wago.com/790-134**Mounting**

Shield termination

**Item no.: 790-101**

Isolated mounting carrier; for busbar with sheet metal screw (3.5 x 9) mm; gray

www.wago.com/790-101**Item no.: 790-100**

Isolated mounting carrier; for busbar with screw M4 x 8 mm; gray

www.wago.com/790-100**Shield termination**

Shield termination

**Item no.: 790-112**Carrier with grounding foot; parallel to carrier rail; 25 mm long; Cu 10 mm x 3 mm; suitable for 790-108 and 790-116; gray www.wago.com/790-112**Item no.: 790-115**Carrier with 2 grounding feet; parallel to carrier rail; 125 mm long; Cu 10 mm x 3 mm; silver-colored www.wago.com/790-115**Item no.: 790-113**Carrier with grounding foot; 90° to carrier rail; 45 mm long; Cu 10 mm x 3 mm; suitable for 790 Series shield clamping saddles; gray www.wago.com/790-113**Item no.: 790-114**Carrier with grounding foot; parallel to carrier rail; 45 mm long; Cu 10 mm x 3 mm; suitable for 790 Series shield clamping saddles and 791 Series shield clamps; gray www.wago.com/790-114**Carrier rail**

Shield termination

**Item no.: 790-145**Carrier rail; with special perforations; 1000 mm long; tin-plated; silver-colored www.wago.com/790-145**Downloads****Documentation****Bid Text**

790-116	Feb 19, 2019	xml	Download
X81 - Datei		2.8 kB	
790-116	Nov 28, 2018	doc	Download
doc - Datei		24.1 kB	

CAD/CAE-Data**CAD data**

2D/3D Models 790-116

Subject to changes. Please also observe the further product documentation!

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	URL	Download
CAE data		
ZUKEN Portal 790-116	URL	Download
EPLAN Data Portal 790-116	URL	Download
WSCAD Universe 790-116	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 790-116	URL	Download
Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm		

Installation Notes



Subject to changes. Please also observe the further product documentation!



Installation

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

Maximum tightening torque: 0.5 Nm



Removal

To remove the clamping saddle, unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.



Carrier with grounding foot* (790-113), 45 mm long, busbar 90° to the DIN-rail

*for all shield clamping saddle sizes



Carrier with grounding foot* (790-114), 45 mm long, busbar parallel to the DIN-rail

*for all shield clamping saddle sizes



Carrier with grounding foot* (790-1145), 125 mm long, busbar parallel to the rail

*for all shield clamping saddle sizes

Subject to changes. Please also observe the further product documentation!



Securing an additional shield clamping saddle.



Tightening/removing a shield clamping saddle.

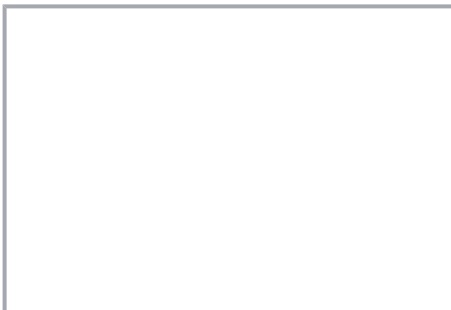


After connection, tighten the knurled screw to complete the installation.

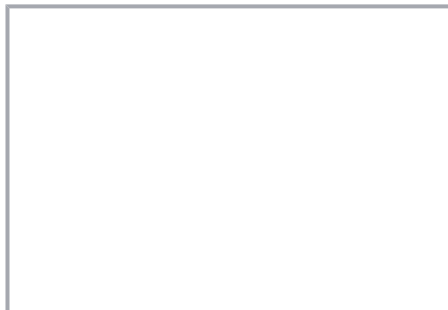
Recommended tightening torque: 0.5 Nm



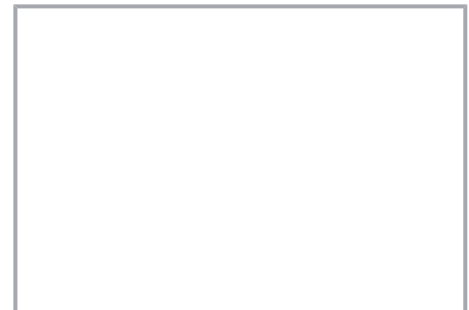
To remove the clamping saddle, unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.



Carrier with grounding foot – busbar parallel to the rail



Insulated mounting carriers for a common shield reference potential, independent of housing potential



U-shaped (10 x 3) mm copper busbar

Subject to changes. Please also observe the further product documentation!



Snap shield clamping saddles into any metal plate (max. thickness: 3 mm).

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