

**Data sheet | Item number: 790-140**

Shield clamping saddle; 43 mm wide; 22-40 mm diameter conductors

[www.wago.com/790-140](http://www.wago.com/790-140)



**Item description**

**Safety information 1:**

Note: Cannot be used for connecting ground conductors!

**Data**

**Technical data**

Main product function	Shield
Safety information 1	Note: Cannot be used for connecting ground conductors!

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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## Physical data

Width	43 mm / 1.693 inch
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## Material data








Weight	30.8 g
Material	Steel V2A

## Commercial data


Product Group	2 (Terminal Block Accessories)
Packaging type	BOX
Country of origin	DE
GTIN	4017332389662
Customs tariff number	8536904000

## Compatible products

### N-busbar

	<b>Item no.: 210-133</b> Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm	<a href="http://www.wago.com/210-133">www.wago.com/210-133</a>
	<b>Item no.: 790-133</b> Busbar; tin-plated; 30 mm long; Cu 10 mm x 3 mm	<a href="http://www.wago.com/790-133">www.wago.com/790-133</a>
	<b>Item no.: 790-134</b> Busbar; tin-plated; 50 mm long; Cu 10 mm x 3 mm	<a href="http://www.wago.com/790-134">www.wago.com/790-134</a>
	<b>Item no.: 790-190</b> U-shaped busbar; 63 mm wide; 60 mm high; Cu 10 mm x 3 mm	<a href="http://www.wago.com/790-190">www.wago.com/790-190</a>
	<b>Item no.: 790-191</b> U-shaped busbar; 100 mm wide; 60 mm high; Cu 10 mm x 3 mm	<a href="http://www.wago.com/790-191">www.wago.com/790-191</a>
	<b>Item no.: 790-192</b> U-shaped busbar; 63 mm wide; 35 mm high; Cu 10 mm x 3 mm	<a href="http://www.wago.com/790-192">www.wago.com/790-192</a>
	<b>Item no.: 790-193</b> U-shaped busbar; 100 mm wide; 35 mm high; Cu 10 mm x 3 mm	<a href="http://www.wago.com/790-193">www.wago.com/790-193</a>

### Carrier rail

	<b>Item no.: 790-145</b> Carrier rail; special perforations; 1000 mm long; tin-plated	<a href="http://www.wago.com/790-145">www.wago.com/790-145</a>
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### assembling

**Item no.: 790-100**

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

## Data sheet | Item number: 790-140

[www.wago.com/790-140](http://www.wago.com/790-140)



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

[www.wago.com/790-100](http://www.wago.com/790-100)



**Item no.: 790-101**

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

[www.wago.com/790-101](http://www.wago.com/790-101)

### shield connection



**Item no.: 790-113**

Carrier with grounding foot; 90° to carrier rail; 45 mm long; Cu 10 mm x 3 mm

[www.wago.com/790-113](http://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

[www.wago.com/790-114](http://www.wago.com/790-114)



**Item no.: 790-115**

Carrier with 2 grounding feet; parallel to carrier rail; 125 mm long; Cu 10 mm x 3 mm

[www.wago.com/790-115](http://www.wago.com/790-115)

## Downloads

### Documentation

#### Bid Text

790-140 doc - Datei	2018 Nov 28	doc 24.1 kB	Download
790-140 X81 - Datei	2019 Feb 19	xml 2.8 kB	Download

### CAD files

#### CAD data

2D/3D Models 790-140	URL	Download
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#### CAE data

WSCAD Universe 790-140	URL	Download
EPLAN Data Portal 790-140	URL	Download
ZUKEN Portal 790-140	URL	Download

## Environmental Product Compliance

### Compliance Search

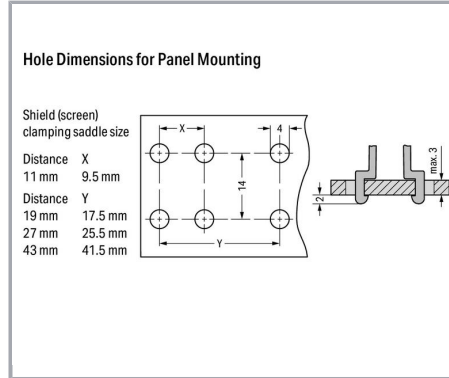
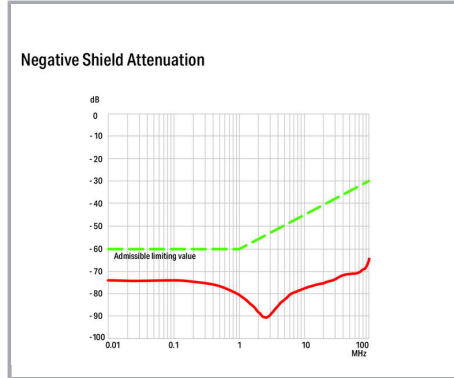
Environmental Product Compliance 790-140

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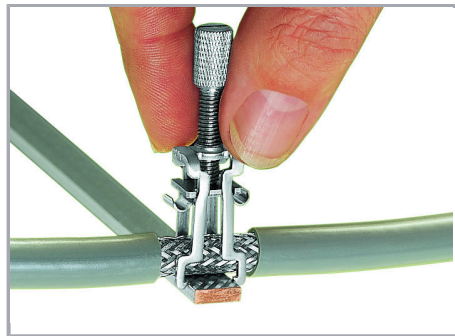
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## Installation Notes



WAGO's shield connection system is highly effective because the clamping unit can be brought very close to the unshielded part of the cable.

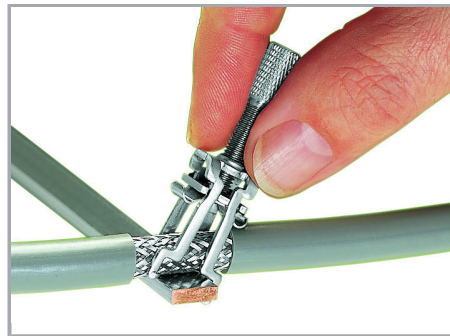
Additionally, the spring material is part of the clamping saddle, providing a good electrical connection (the system also acts as a partial strain relief). The spring element integrated in the shield clamping saddle compensates for deformation and settling that results from a connected shield.



### 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.

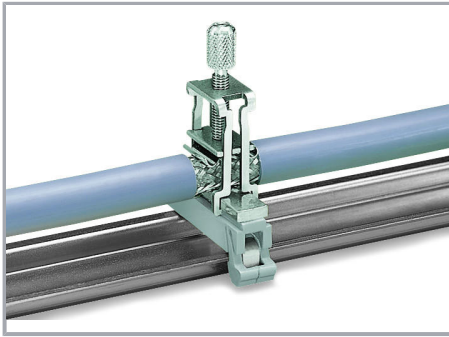
Maximum tightening torque: 0.5 Nm



### Removal

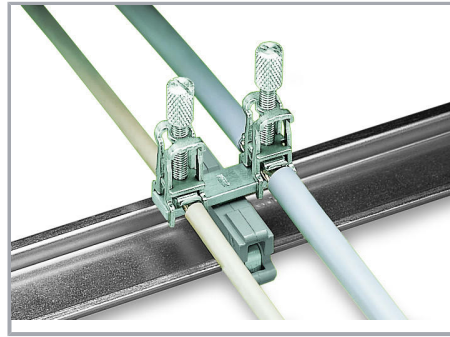
To remove the clamping saddle, unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.

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



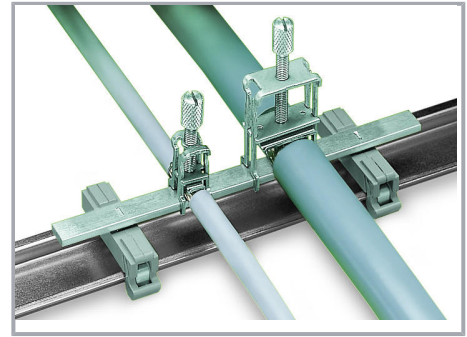
Carrier with grounding foot\* (790-113), 45 mm long, busbar 90° to the DIN-rail

\*for all shield clamping saddle sizes



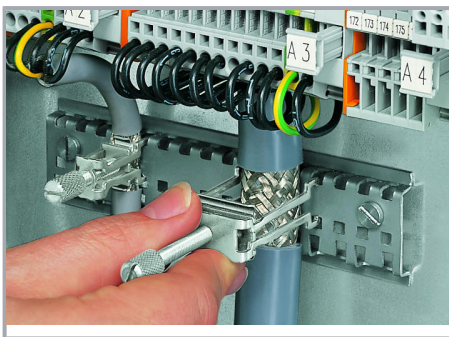
Carrier with grounding foot\* (790-114), 45 mm long, busbar parallel to the DIN-rail

\*for all shield clamping saddle sizes

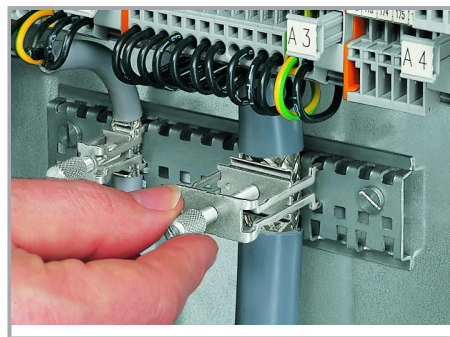


Carrier with grounding foot\* (790-1145), 125 mm long, busbar parallel to the rail

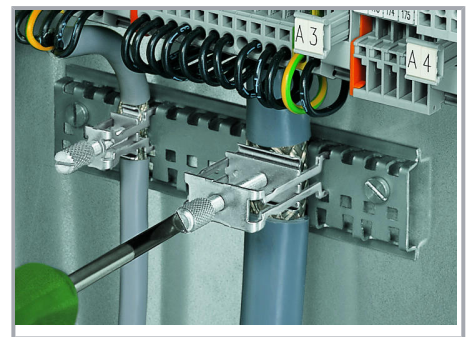
\*for all shield clamping saddle sizes



Securing an additional shield clamping saddle.



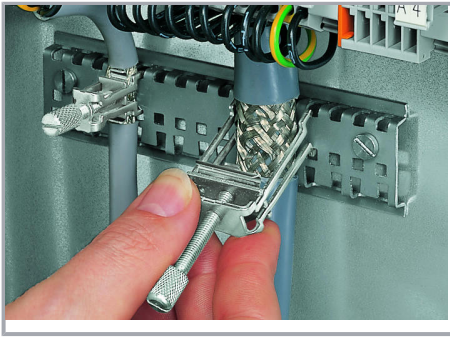
Tightening/removing a shield clamping saddle.



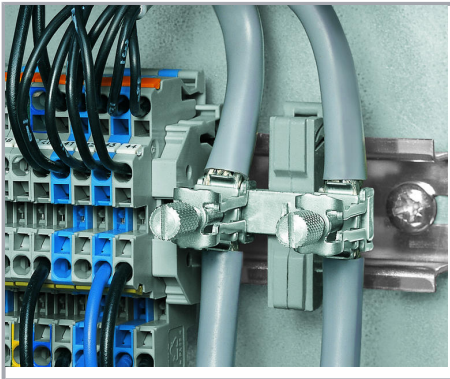
After connection, tighten the knurled screw to complete the installation.

Recommended tightening torque: 0.5 Nm

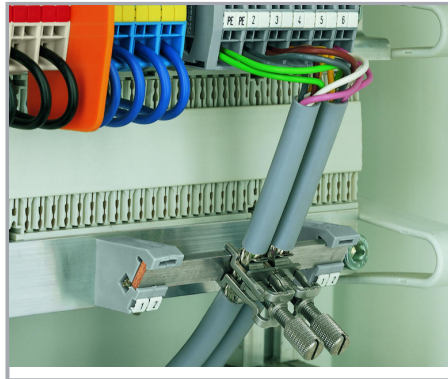
Subject to changes. Please also observe the further product documentation!



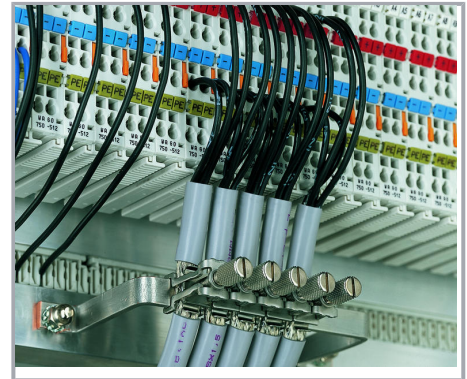
To remove the clamping saddle, unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.



Carrier with grounding foot – busbar parallel to the rail

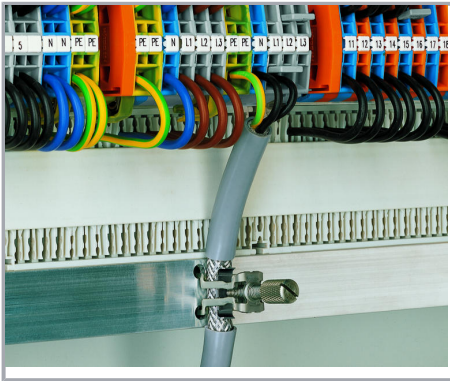


Insulated mounting carriers for a common shield reference potential, independent of housing potential



U-shaped (10 x 3) mm copper busbar

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

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