

Color: —

## Data

### Notes

Safety information

Cannot be used for connecting ground conductors!

## Technical data

Main product function

Safety information

Cannot be used for connecting ground conductors!

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

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## Physical data

Width	43 mm / 1.693 inches
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## Material data

Color	silver-colored
Weight	30.8 g
Material	Steel V2A Stainless steel

## Commercial data

Product Group	2 (Terminal Block Accessories)
eCl@ss 10.0	27-14-11-50
eCl@ss 9.0	27-14-11-50
ETIM 8.0	EC002020
ETIM 7.0	EC002020
PU (SPU)	50 (10) pcs
Packaging type	box
Country of origin	DE
GTIN	4017332389662
Customs tariff number	85369010000

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Optional accessories

Carrier rail	
Shield termination	
 Item no.: 790-145	Carrier rail; with special perforations; 1000 mm long; tin-plated; silver-colored <a href="http://www.wago.com/790-145">www.wago.com/790-145</a>
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; silver-colored <a href="http://www.wago.com/790-191">www.wago.com/790-191</a>
 Item no.: 790-190	U-shaped busbar; Cu 10 mm x 3 mm; for 5 I/O; suitable for 750 Series I/O modules; silver-colored <a href="http://www.wago.com/790-190">www.wago.com/790-190</a>

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

	<b>Item no.: 790-192</b> U-shaped busbar; Cu 10 mm x 3 mm; for 5 I/O; suitable for 750 Series I/O modules; silver-colored	<a href="http://www.wago.com/790-192">www.wago.com/790-192</a>
	<b>Item no.: 790-193</b> U-shaped busbar; Cu 10 mm x 3 mm; for 8 I/O; suitable for 750 Series I/O modules; silver-colored	<a href="http://www.wago.com/790-193">www.wago.com/790-193</a>
<b>Mounting accessories</b>		
	<b>Item no.: 210-133</b> Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm; white	<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; silver-colored	<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; silver-colored	<a href="http://www.wago.com/790-134">www.wago.com/790-134</a>
<b>Shield termination</b>		
Shield termination		
	<b>Item no.: 790-115</b> Carrier with 2 grounding feet; parallel to carrier rail; 125 mm long; Cu 10 mm x 3 mm; gray	<a href="http://www.wago.com/790-115">www.wago.com/790-115</a>
	<b>Item no.: 790-113</b> 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	<a href="http://www.wago.com/790-113">www.wago.com/790-113</a>
	<b>Item no.: 790-114</b> 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	<a href="http://www.wago.com/790-114">www.wago.com/790-114</a>
<b>Mounting</b>		
Shield termination		
	<b>Item no.: 790-101</b> Isolated mounting carrier; for busbar with sheet metal screw (3.5 x 9) mm; gray	<a href="http://www.wago.com/790-101">www.wago.com/790-101</a>
	<b>Item no.: 790-100</b> Isolated mounting carrier; for busbar with screw M4 x 8 mm; gray	<a href="http://www.wago.com/790-100">www.wago.com/790-100</a>

## Downloads

### Documentation

#### Bid Text

790-140	2019 Feb 19	xml	<a href="#">Download</a>
X81 - Datei		2.8 kB	
790-140	2018 Nov 28	doc	<a href="#">Download</a>
doc - Datei		24.1 kB	

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

## CAD/CAE-Data

### CAD data

2D/3D Models 790-140

URL

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### CAE data

WSCAD Universe 790-140

URL

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EPLAN Data Portal 790-140

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ZUKEN Portal 790-140

URL

Download

### Asset Administration Shell

Asset Administration Shell 790-140

URL

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## Environmental Product Compliance

### Compliance Search

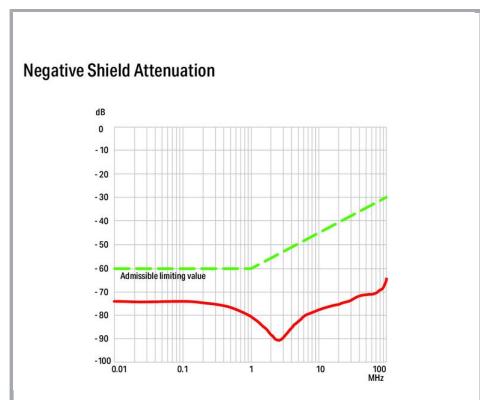
Environmental Product Compliance 790-140

URL

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Shield clamping saddle; diameter of compatible conductor

## 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.

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

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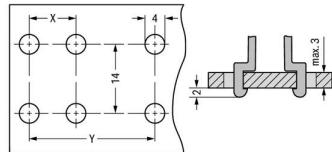
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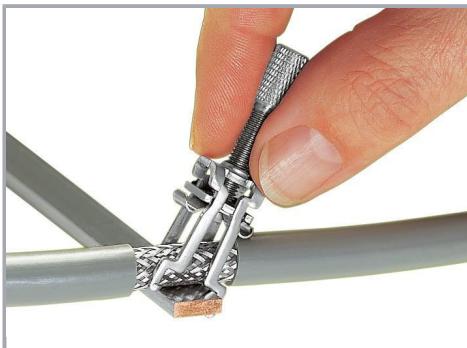
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**Hole Dimensions for Panel Mounting**Shield (screen)  
clamping saddle sizeDistance X  
11 mm 9.5 mm  
Distance Y  
19 mm 17.5 mm  
27 mm 25.5 mm  
43 mm 41.5 mm

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****Removal**

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

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!

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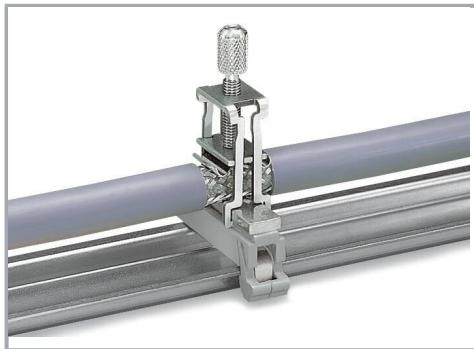
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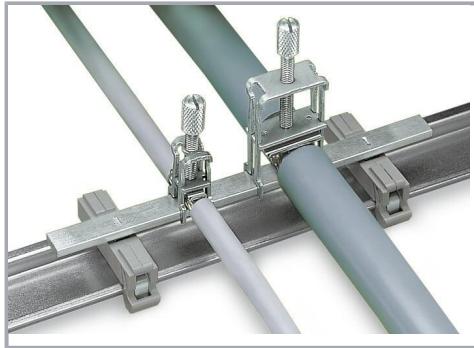
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Carrier with grounding foot\* (790-113), 45 mm long, busbar 90° to the DIN-rail  
\*for all shield clamping saddle sizes



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.

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

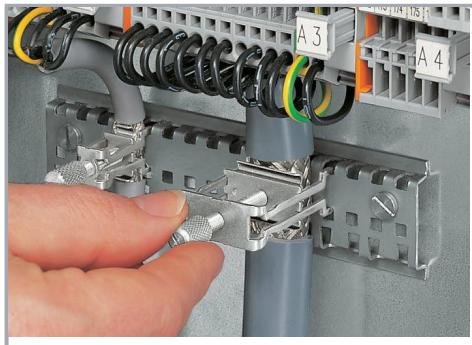
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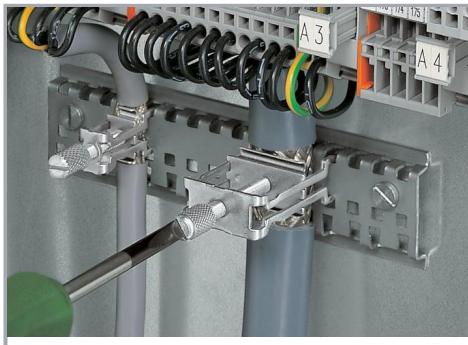
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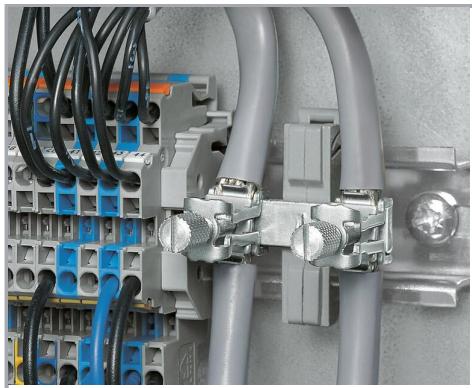
Tightening/removing a shield clamping saddle.



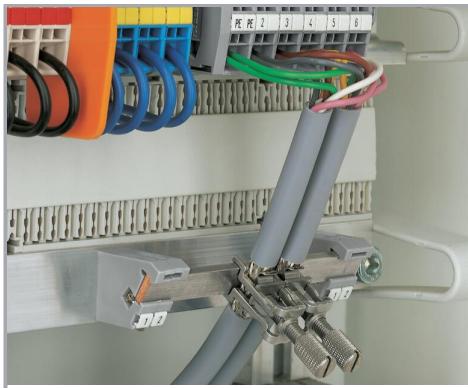
After connection, tighten the knurled screw to complete the installation.  
Recommended tightening torque: 0.5 Nm



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

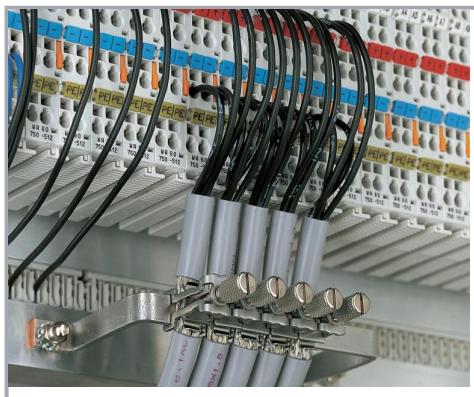


Carrier with grounding foot – busbar parallel to the rail

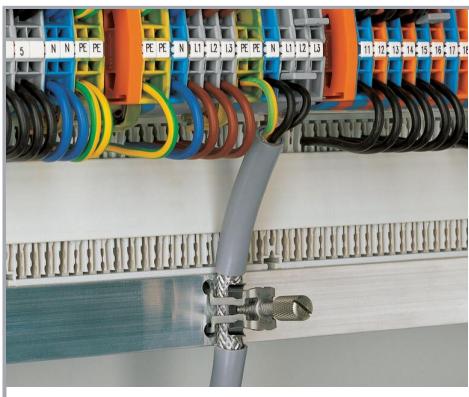


Insulated mounting carriers for a common shield reference potential, independent of housing potential

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



U-shaped (10 x 3) mm copper busbar



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

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