

Data sheet | Item number: 790-124

Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ...
24 mm

www.wago.com/790-124



Item description

Safety information 1:

Note: Cannot be used for connecting ground conductors!

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

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Data

Technical data

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

Physical data

Width	27 mm / 1.063 inch
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Material data

Weight	21 g
Material	Steel V2A Stainless steel

Commercial data

Product Group	2 (Terminal Block Accessories)
Packaging type	BOX
Country of origin	DE
GTIN	4017332356961
Customs tariff number	85369010000

Optional accessories

assembling

	Item no.: 790-100 Isolated mounting carrier; for busbar with screw M4 x 8 mm; gray	www.wago.com/790-100
	Item no.: 790-101 Isolated mounting carrier; for busbar with sheet metal screw (3.5 x 9) mm; gray	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; 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
	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

N-busbar

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	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
	Item no.: 790-134 Busbar; tin-plated; 50 mm long; Cu 10 mm x 3 mm	www.wago.com/790-134
	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.: 790-191 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.: 790-192 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
Carrier rail		
	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

790-124	2018 Nov 28	doc	Download
doc - Datei		24.1 kB	
790-124	2019 Feb 19	xml	Download
X81 - Datei		2.8 kB	

CAD/CAE-Data

CAE data

WSCAD Universe 790-124	URL	Download
ZUKEN Portal 790-124	URL	Download
EPLAN Data Portal 790-124	URL	Download

CAD data

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Environmental Product Compliance

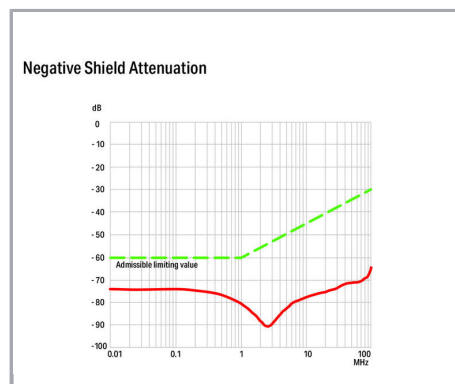
Compliance Search

Environmental Product Compliance 790-124

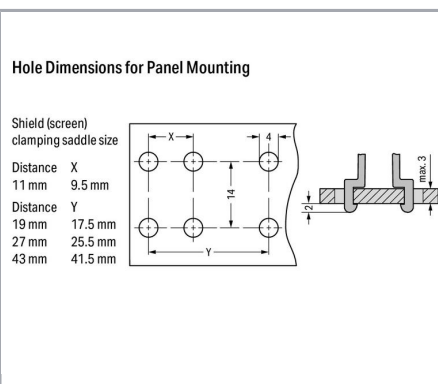
[URL](#)[Download](#)

Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm

Installation Notes

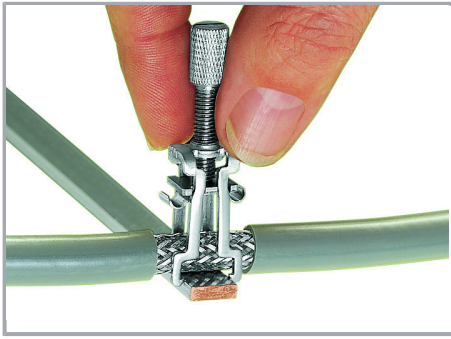


WAGO's shield connection system is highly effective because the clamping unit can be brought very close to the unshielded part of the cable.



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.

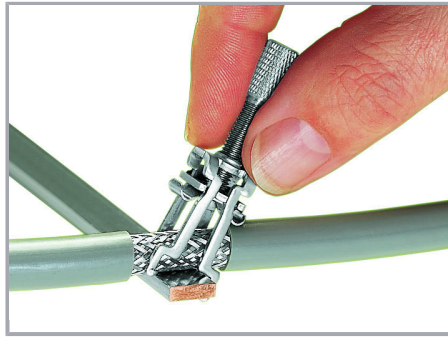
Subject to changes. Please also observe the further product documentation!



Installation

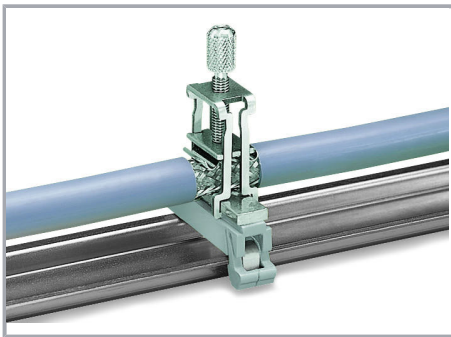
The shield clamping saddle is shipped ready for direct connection to the (10 x 3) mm busbar or to a drilled mounting plate. After connection, tighten the knurled screw to complete the installation.

Maximum tightening torque: 0.5 Nm



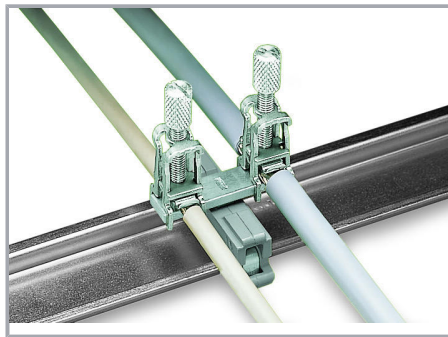
Removal

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



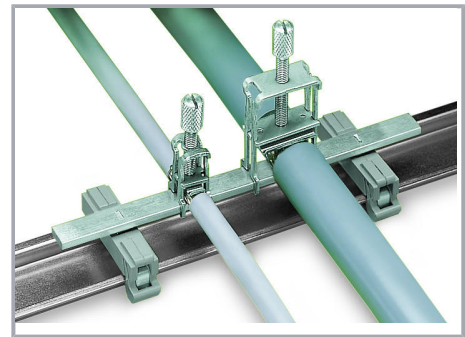
Carrier with grounding foot* (790-113), 45 mm long, busbar 90° to the DIN-rail

*for all shield clamping saddle sizes



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

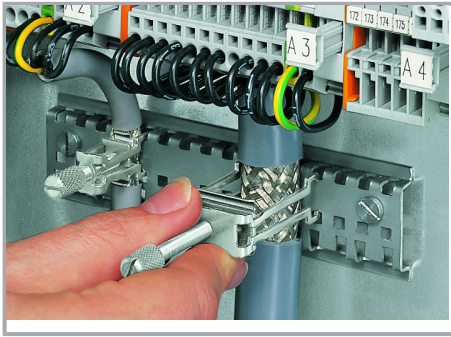
*for all shield clamping saddle sizes



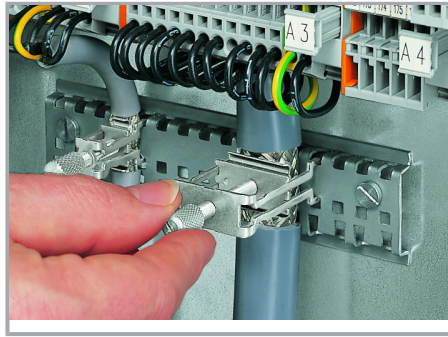
Carrier with grounding foot* (790-1145), 125 mm long, busbar parallel to the rail

*for all shield clamping saddle sizes

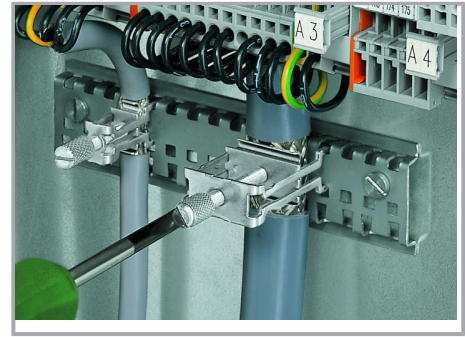
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Securing an additional shield clamping saddle.

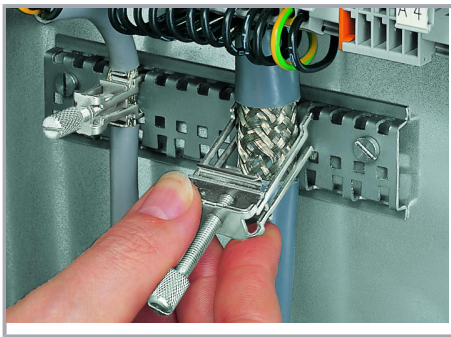


Tightening/removing a shield clamping saddle.



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

Recommended tightening torque: 0.5 Nm

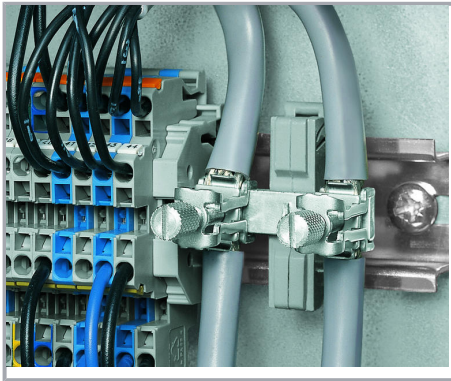


To remove the clamping saddle, unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.

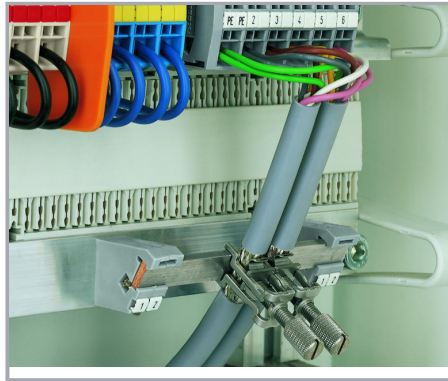
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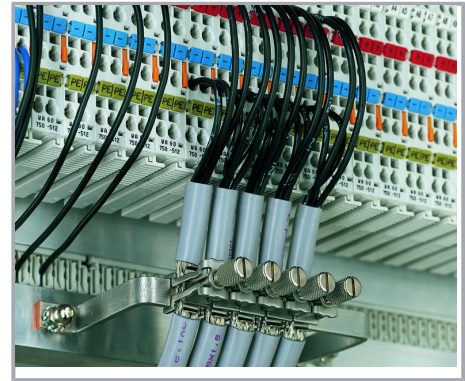
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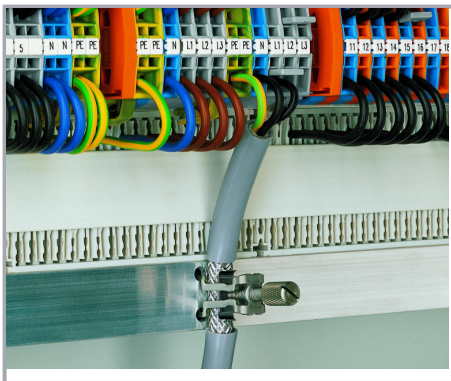
Carrier with grounding foot – busbar parallel to the rail



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



U-shaped (10 x 3) mm copper busbar



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

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