

**Data Sheet | Item Number: 790-220**  
Shield clamping saddle; 30 mm wide; 6 ... 20 mm

<https://www.wago.com/790-220>



Color: ■ silver-colored

### Notes

Safety information Cannot be used for connecting ground conductors and strain relief!

### Technical data

Safety information Cannot be used for connecting ground conductors and strain relief!

### Physical data

Width 30 mm / 1.181 inches

### Material data

Color silver-colored  
Fire load 0 MJ  
Weight 18 g  
Material Steel V2A  
Stainless steel  
Polycarbonate

### Commercial data

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) 25 pcs  
Packaging type Box  
Country of origin DE  
GTIN 4055143408684  
Customs tariff number 85369010000

**Environmental Product Compliance**

CAS-No.	131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 375-73-5 503155-89-3 507453-86-3 68259-10-9
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	d7a6608a-9892-423c-a783-e95230b1842a
SCIP notification number (Belgium)	33fa7439-cc2d-49db-937b-41a435bfe4d
SCIP notification number (Bulgaria)	2677e2b1-f449-4186-b854-9d9e2e3e8edf
SCIP notification number (Czech Republic)	31375348-e1b6-49cc-a9e8-b3b2dd8974a3
SCIP notification number (Denmark)	9893cb64-c83d-4b1f-bcbb-b8742c48a4cf
SCIP notification number (Finland)	16c93870-c0e6-4db6-9d7e-8d2e20a18fb4
SCIP notification number (France)	1989cd58-c101-4b2c-aec4-5bd8dc6fd78b
SCIP notification number (Germany)	33bfd022-a29a-41eb-a860-301284dcbf2f
SCIP notification number (Hungary)	7bec65cf-f211-4c11-ac0e-c7749e1f3f71
SCIP notification number (Italy)	ba560e95-0cf7-4293-833c-f1e50e4372e6
SCIP notification number (Netherlands)	68d696ee-c952-4ec0-b8c2-8ba0ed6bb327
SCIP notification number (Poland)	5ed8c014-fb63-4a3c-9dbf-fd0750934578
SCIP notification number (Romania)	39df09b1-d193-4566-9f78-63c07b50521a
SCIP notification number (Sweden)	c072adad-99d4-4199-b1bd-a489116a7ae3

**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>	
Environmental Product Compliance 790-220	<a href="#">↓</a>

**Documentation**

<b>Bid Text</b>			
790-220	19.02.2019	xml 2.69 KB	<a href="#">↓</a>
790-220	18.08.2017	doc 23.50 KB	<a href="#">↓</a>

**CAD/CAE-Data**

<b>CAD data</b>	
2D/3D Models 790-220	<a href="#">↓</a>

<b>CAE data</b>	
EPLAN Data Portal 790-220	<a href="#">↓</a>
ZUKEN Portal 790-220	<a href="#">↓</a>

1 Compatible Products

1.1 Optional Accessories

1.1.1 DIN-rail

1.1.1.1 Shield termination



Item No.: 790-145

Carrier rail; with special perforations; 1000 mm long; tin-plated; silver-colored

1.1.2 Marking

1.1.2.1 Marker



Item No.: 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 793-5501/000-014

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown



Item No.: 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item No.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item No.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue



Item No.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray



Item No.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green



Item No.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green



Item No.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item No.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red



Item No.: 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet



Item No.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 793-501/000-002

WMB marking card; as card; not stretchable; plain; snap-on type; yellow



Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 2009-115/000-024

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-115/000-002

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.2.2 Marking strip



**Item No.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.3 N-busbar

1.1.3.1 Mounting accessories



**Item No.: 210-133**

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



**Item No.: 790-133**

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



**Item No.: 790-134**

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

1.1.3.2 Shield termination



**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



**Item No.: 790-192**

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



**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



**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

1.1.4 Shield termination

1.1.4.1 Shield termination



**Item No.: 790-115**

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



**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



**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

Installation Notes



Shield clamping saddles are available in three different sizes for shield diameters ranging from 3 to 20 mm.



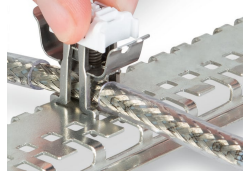
Compress the clamping saddle until fully engaged.



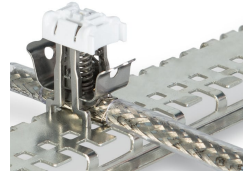
Removing the shield clamping saddle.



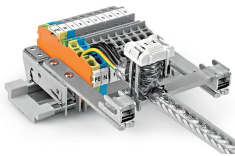
Mounting a clamping saddle on a specialty slotted DIN-rail (790-145).  
When releasing the saddle, do not place your finger under the clamping spring!



Removing the shield clamping saddle.



Shield clamping saddle contacts shield conductor and specialty slotted DIN-rail (790-145).



Application example



Labeling using a marking strip.



Labelling using WMB markers.