Color: ▦ silver-colored

Notes

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

Physical data

Width	21.8 mm / 0.858 inches

Material data

Color	silver-colored
Fire load	0 MJ
Weight	12.3 g
Material	Steel V2A Stainless steel Polycarbonate

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 9.0	EC002020
ETIM 8.0	EC002020
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454077501
Customs tariff number	85369010000

Environmental Product Compliance

REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	678f6e32-6ffc-4ad8-9284-791a028f25db
SCIP notification number (Belgium)	637372b7-74c7-4098-8258-e74706eaca55
SCIP notification number (Bulgaria)	23674bc6-8fcc-47f3-9b4f-f50e4954711f
SCIP notification number (Czech Republic)	b038c0a8-862f-49c4-8b08-4792ed6dea4e
SCIP notification number (Denmark)	40337a32-6a2c-4d36-9798-a0cc3a7661c2
SCIP notification number (Finland)	e1202307-67d4-4433-874e-faf707454c60
SCIP notification number (France)	f1d2539f-5136-43c6-9c8f-b10b7833e669
SCIP notification number (Germany)	71c1cdcc-83ab-413b-9b47-5b8db8cfeebb
SCIP notification number (Hungary)	62f1750c-ae59-43a7-b040-5ca9beb6371d
SCIP notification number (Italy)	8c183d36-3b32-404c-9d16-0d78b7d27492
SCIP notification number (Netherlands)	175278ba-fd1d-4f8a-8707-0a019b2c33b8
SCIP notification number (Poland)	357fc07e-7b58-493f-a7eb-c9a87a034e63
SCIP notification number (Romania)	84b1e551-f588-4da9-9f11-d4a90f8b2a7b
SCIP notification number (Sweden)	c5c69333-a3c6-4d59-9e47-18e0342728e0

Processing temperature (min.)	-35 °C
Processing temperature (max.)	85 °C
Processing temperature	-35 … +85 °C
Continuous operating temperature from	-60 °C
Continuous operating temperature up to	105 °C
Continuous operating temperature	-60 … +105 °C

Environmental Testing (Environmental Conditions)

Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
Spectrum/Installation location	Service life test, Category 1, Class A/B
Function test with noise-like vibration	Test passed according to Section 8 of the standard
Frequency	f_1 = 5 Hz to f_2 = 150 Hz f_1 = 5 Hz to f_2 = 150 Hz
Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)
Test duration per axis	10 min. 5 h
Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
Monitoring for contact faults/interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Shock test	Test passed according to Section 10 of the standard
Shock form	Half sine
Shock duration	30 ms
Number of shocks per axis	3 pos. und 3 neg.
Vibration and shock stress for rolling stock equipment	Passed

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Z00004429.000

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 790-216	↓

Documentation

Bid Text

790-216	19.02.2019	xml 2.69 KB	↓
790-216	18.08.2017	doc 23.50 KB	↓

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 790-216	↓	EPLAN Data Portal 790-216	↓
		ZUKEN Portal 790-216	↓

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.: 790-112
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

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.

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

Current addresses can be found at:: www.wago.com