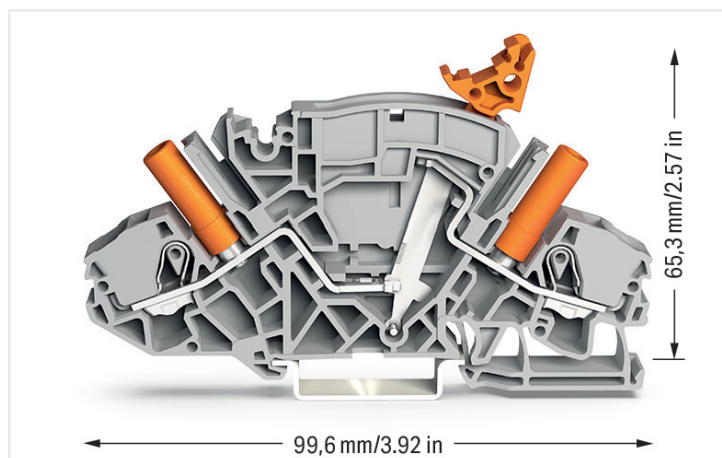


Data Sheet | Item Number: 2007-8821

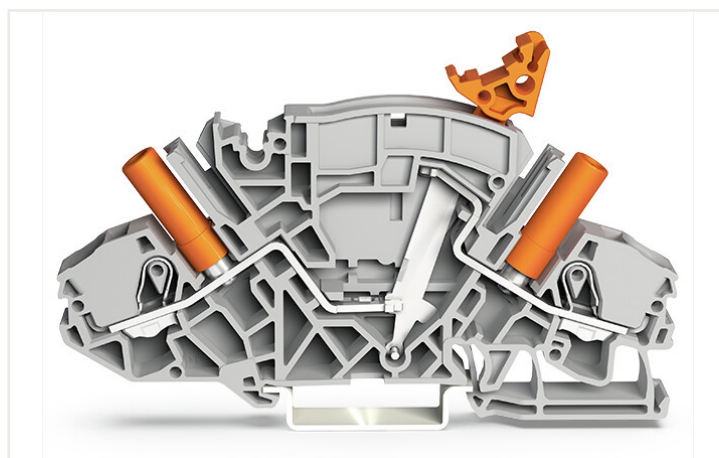
2-conductor disconnect/test terminal block; e.g., current transformer circuits; with receptacle for adjacent jumper with switch lever; for 4 mm Ø test plugs; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Push-in CAGE CLAMP®; 6,00 mm²; gray



<https://www.wago.com/2007-8821>



Color: gray



Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	30 A
Legend (ratings)	(III / 3) Δ Overvoltage category III / Pollution degree 3

Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	30 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	30 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	30 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	30 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Power loss

Power loss, per pole (potential)	0.702 W
Rated current I_N for specified power loss	30 A
Resistance value for specified, current-dependent power loss	0.00078 Ω

Connection data

Connection points	2
Total number of potentials	2
Number of levels	1
Number of jumper slots	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	6 mm ² / 10 AWG
Solid conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Solid conductor; push-in termination	1 ... 10 mm ² / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm ² / 20 ... 10 AWG

Connection 1

Fine-stranded conductor; with uninsulated ferrule	1.5 ... 6 mm² / 16 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm² / 16 ... 10 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 inches
Wiring direction	Front-entry wiring

Physical data

Width	8 mm / 0.315 inches
Height	99.6 mm / 3.921 inches
Depth from upper-edge of DIN-rail	65.3 mm / 2.571 inches

Mechanical Data

Mounting type	DIN-35 rail
Marking level	Center/side marking

Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.418 MJ
Weight	27.8 g
Test socket color	orange

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

Product Group	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-26
eCl@ss 9.0	27-14-11-26
ETIM 8.0	EC000902
ETIM 7.0	EC000902
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143074889
Customs tariff number	85365080900



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	71-122099
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7911
CSA DEKRA Certification B.V.	C22.2 No. 158	70009679
UL UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations



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

Approvals for marine applications



Approval	Standard	Certificate Name
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2007-8821 

Documentation

Additional Information
Technical Section pdf 2142.18 KB 

Bid Text
2007-8821 17.04.2019 xml 4.06 KB 
2007-8821 17.04.2019 docx 15.64 KB 

CAD/CAE-Data

CAD data

2D/3D Models
2007-8821



CAE data

EPLAN Data Portal
2007-8821



WSCAD Universe
2007-8821



ZUKEN Portal
2007-8821



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 2007-8893](#)

End plate; 1.5 mm thick; with lock-out seal option; gray



[Item No.: 2007-8894](#)

End plate; 1.5 mm thick; with lock-out seal option; orange



[Item No.: 2007-8891](#)

End plate; 1.5 mm thick; without lock-out seal option; gray



[Item No.: 2007-8892](#)

End plate; 1.5 mm thick; without lock-out seal option; orange

1.1.2 Jumper

1.1.2.1 Jumper



[Item No.: 2007-8442](#)

Adjacent jumper for switching lever; 2-way; insulated; orange



[Item No.: 2007-8443](#)

Adjacent jumper for switching lever; 3-way; insulated; orange



[Item No.: 2007-8444](#)

Adjacent jumper for switching lever; 4-way; insulated; orange



[Item No.: 2007-8445](#)

Adjacent jumper for switching lever; 5-way; insulated; orange



[Item No.: 2007-8447](#)

Adjacent jumper for switching lever; 7-way; insulated; orange



[Item No.: 2007-8448](#)

Adjacent jumper for switching lever; 8-way; insulated; orange



[Item No.: 2007-8446](#)

Short circuit jumper; 6-way; insulated; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



[Item No.: 210-196](#)

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslopped; similar to EN 60715; silver-colored



[Item No.: 210-198](#)

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslopped; according to EN 60715; copper-colored



[Item No.: 210-197](#)

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slopped; similar to EN 60715; silver-colored



[Item No.: 210-114](#)

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslopped; similar to EN 60715; silver-colored



[Item No.: 210-118](#)

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslopped; according to EN 60715; silver-colored



[Item No.: 210-115](#)

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slopped; according to EN 60715; "Hole width 18 mm; silver-colored



[Item No.: 210-112](#)

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slopped; according to EN 60715; "Hole width 25 mm; silver-colored



[Item No.: 210-113](#)

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslopped; according to EN 60715; silver-colored

1.2.2 Ferrule



1.2.2.1 Ferrule



Item No.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



Item No.: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-208
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

1.2.3 Installation

1.2.3.1 Cover



Item No.: 709-156
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.3.2 Cover carrier



Item No.: 709-169
Cover carrier; Type 3; gray

1.2.4 Jumper

1.2.4.1 Jumper



Item No.: 282-440
Jumper; 10-way; insulated; orange



Item No.: 282-432
Jumper; 2-way; insulated; orange



Item No.: 282-432/100-000
Jumper; 2-way; insulated; orange



Item No.: 282-433
Jumper; 3-way; insulated; orange



Item No.: 282-433/100-000
Jumper; 3-way; insulated; orange



Item No.: 282-434
Jumper; 4-way; insulated; orange



Item No.: 282-434/100-000
Jumper; 4-way; insulated; orange



Item No.: 282-435
Jumper; 5-way; insulated; orange



Item No.: 282-436
Jumper; 6-way; insulated; orange



Item No.: 282-437
Jumper; 7-way; insulated; orange



Item No.: 282-438
Jumper; 8-way; insulated; orange



Item No.: 282-439
Jumper; 9-way; insulated; orange



Item No.: 282-435/011-000
Jumper; insulated; orange



Item No.: 282-435/300-000
Jumper; insulated; orange



Item No.: 282-435/301-000
Jumper; insulated; orange



Item No.: 282-436/301-000
Jumper; insulated; orange



Item No.: 282-436/304-000
Jumper; insulated; orange



Item No.: 282-437/011-000
Jumper; insulated; orange



Item No.: 282-437/012-000
Jumper; insulated; orange



Item No.: 282-438/300-000
Jumper; insulated; orange



Item No.: 282-438/301-000
Jumper; insulated; orange



Item No.: 282-439/011-000
Jumper; insulated; orange

1.2.5 Locking system

1.2.5.1 Locking system



Item No.: 210-254

Interlocking link; mechanically locks multiple links; 1 m long; transparent



Item No.: 282-881

Locking cover; mechanically locks multiple links; 1-pole; transparent



Item No.: 282-882

Locking cover; mechanically locks multiple links; 2-pole; transparent



Item No.: 282-883

Locking cover; mechanically locks multiple links; 3-pole; transparent



Item No.: 282-884

Locking cover; mechanically locks multiple links; 4-pole; transparent



Item No.: 282-885

Locking cover; mechanically locks multiple links; 5-pole; transparent



Item No.: 282-886

Locking cover; mechanically locks multiple links; 6-pole; transparent



Item No.: 282-887

Locking cover; mechanically locks multiple links; 7-pole; transparent



Item No.: 282-888

Locking cover; mechanically locks multiple links; 8-pole; transparent

1.2.6 Lock-out

1.2.6.1 Locking system



Item No.: 2007-8899

Lock-out; for disconnect link; yellow

1.2.7 Marking

1.2.7.1 Marker



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

1.2.7.2 Marker carrier



Item No.: [2009-198](#)
Adaptor; gray

1.2.7.3 Marking strip



Item No.: [2009-110](#)
Marking strips; for Smart Printer; on reel;
not stretchable; plain; snap-on type; white

1.2.8 Protective warning marker

1.2.8.1 Cover



Item No.: [2006-115](#)
Protective warning marker; for 5 terminal
blocks; with high-voltage symbol, black;
yellow

1.2.9 Tool

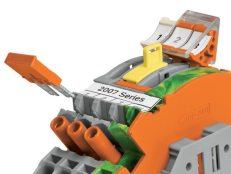
1.2.9.1 Operating tool



Item No.: [210-721](#)
Operating tool; Blade: 5.5 x 0.8 mm; with a
partially insulated shaft; multicoloured

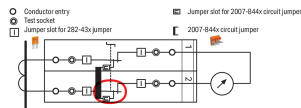
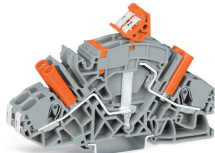
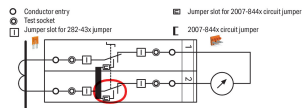
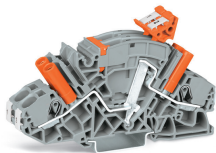
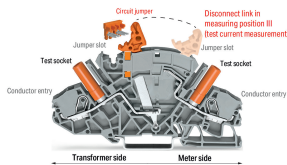
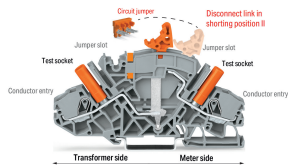
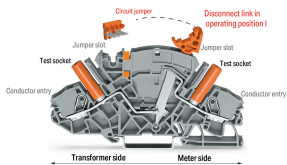
Installation Notes

Commoning



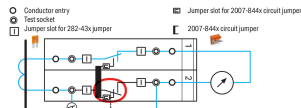
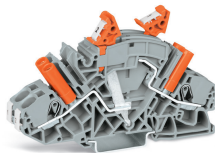
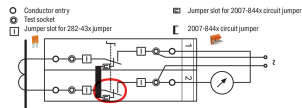
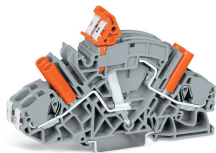


Locking system



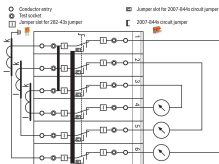
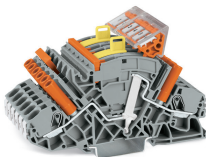
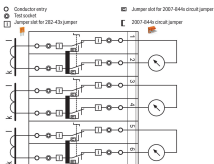
In the operating position, the measurement device is connected to the transformer, the circuit jumper is inserted and the disconnect link is in position I.

The transformer is not disconnected from the measuring device yet, the shorting path is activated by moving the disconnect link into shorting position II and the transformer is safely shorted.



The measuring device is electrically disconnected from the transformer. If required, an external voltage can be applied to the measuring device via the test socket.

Measurement testing: First insert the reference current meter (A) into the test socket, then move the disconnect link into measurement point III (test current measurement).



Pairs of disconnect links are interconnected via locking cover or interlocking link. Measurement testing is performed after the interlocking is released.

All six disconnect links are interconnected via locking cover or interlocking link.

Marking

