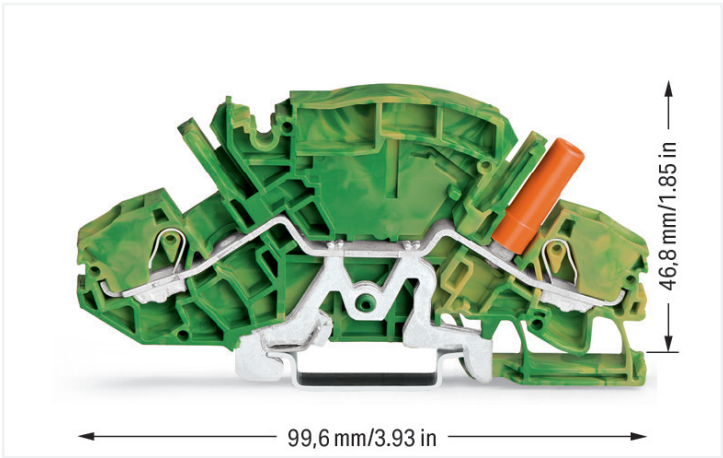


Data Sheet | Item Number: 2007-8807

2-conductor ground terminal block; 6 mm²; with touch-proof test socket; for 4 mm Ø test plugs; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm²; green-yellow

<https://www.wago.com/2007-8807>



Color: ■ green-yellow



Ground terminal block, 2007 Series, operating tool

Easily, quickly and safely connect conductors with this ground terminal block (item number 2007-8807). Ensure that the strip lengths are between 13 mm and 15 mm when connecting conductors to this ground terminal block. Featuring conductor terminals along with Push-in CAGE CLAMP®, this connector outperforms the competition. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be pushed in without needing to use any tools—all thanks to its pluggable design. This ground terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 10 mm². It has one level. You can connect a single potential using the two clamping points. The green-yellow housing is made of polyamide (PA66) for insulation. These function terminal blocks are mounted using DIN-35 rails..

Connection data	
Clamping units	2
Total number of potentials	1
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 mm² / 10 AWG
Solid conductor	0.5 ... 10 mm² / 20 ... 8 AWG
Solid conductor; push-in termination	1 ... 10 mm² / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm² / 20 ... 8 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm² / 20 ... 10 AWG
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	46.8 mm / 1.843 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	green-yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.359 MJ
Weight	29.8 g
Test socket color	orange

Environmental requirements	
Processing temperature	-35 ... +85 °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.



Environmental Testing (Environmental Conditions)

Vibration and shock stress for rolling stock equipment Passed

Commercial data		
Product Group	22 (TOPJOB S)	
PU (SPU)	20 pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4055143074773	
Customs tariff number	85369010000	

Product classification		
UNSPSC	39121410	
eCl@ss 10.0	27-14-11-41	
eCl@ss 9.0	27-14-11-41	
ETIM 9.0	EC000901	
ETIM 8.0	EC000901	
ECCN	NO US CLASSIFICATION	

Environmental Product Compliance		
CAS-No.	7439-92-1	
REACH Candidate List Substance	Lead	
RoHS Compliance Status	Compliant,With Exemption	
RoHS Exemption	6(c)	
SCIP notification number (Austria)	03d68a7a-d7ef-4f83-94d6-4d1418a1453d	
SCIP notification number (Belgium)	6498ce9a-796f-47ad-8e6c-9438503d73d0	
SCIP notification number (Bulgaria)	035ee86e-5d02-4d7e-9552-a40048c743c8	
SCIP notification number (Czech Republic)	55e428d3-73ca-4e19-91eb-74a788ee92a4	
SCIP notification number (Denmark)	c1ea4c29-e7cd-4fc1-a86b-ebe51e77a5b4	
SCIP notification number (Finland)	a7e1278e-988c-40f9-bd7f-0c1d8c25f14d	
SCIP notification number (France)	86321ce1-49fa-4162-92e3-c16a12ac4655	
SCIP notification number (Germany)	5f3cccb16-e664-4434-87fc-184a307d6770	
SCIP notification number (Hungary)	3d90613d-2627-4c31-8a62-3caabc4471bb	
SCIP notification number (Italy)	3a91f187-4f5c-48f8-8694-cfbc9bc59fe2	
SCIP notification number (Netherlands)	f03fd20f-37ec-4965-ac7e-d929719b057e	
SCIP notification number (Poland)	fdb9fc88-cd8f-4177-82aa-77eec7c1d521	
SCIP notification number (Romania)	1f5e193f-a255-4cd7-a992-efc1b879d049	
SCIP notification number (Sweden)	e5be42f6-ecd3-4cbf-a4e8-5a509ca3a74a	

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

General approvals

UL	UL 1059	E45172
UL International Germany GmbH		



Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Railway Ready
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2007-8807



Documentation

Bid Text			
2007-8807	17.04.2019	xml 3.84 KB	
2007-8807	17.04.2019	docx 15.21 KB	

CAD/CAE-Data

CAD data
2D/3D Models 2007-8807



CAE data
EPLAN Data Portal 2007-8807
WSCAD Universe 2007-8807
ZUKEN Portal 2007-8807



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

1.2 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; unslotted; similar to EN 60715; silver-colored



Item No.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



Item No.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item No.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



Item No.: 210-115
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; silver-colored



Item No.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; silver-colored



Item No.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

1.2.2 Installation

1.2.2.1 Cover



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

1.2.2.2 Cover carrier



Item No.: 709-169
Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray



1.2.3 Jumper

1.2.3.1 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

1.2.4 Marking

1.2.4.1 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

1.2.4.2 Marker carrier



Item No.: 2009-198
Adaptor; gray

1.2.4.3 Marking strip



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

1.2.5 Protective warning marker

1.2.5.1 Cover



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

1.2.6 Screwless end stop

1.2.6.1 Mounting accessories



Item No.: 249-117
Screwless end stop; 10 mm wide; for DIN-
rail 35 x 15 and 35 x 7.5; gray



Item No.: 249-116
Screwless end stop; 6 mm wide; for DIN-
rail 35 x 15 and 35 x 7.5; gray

1.2.7 Tool

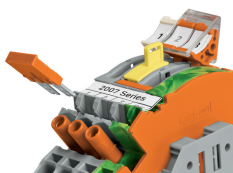
1.2.7.1 Operating tool



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

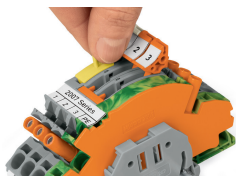
Installation Notes

Commoning

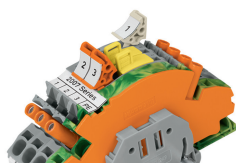


Additional commoning option on the
transformer side

Security



Lock-out prevents accidental operation of disconnect link.

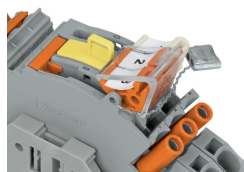


Lock-out snaps into one of two notched positions.

Locking system



Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

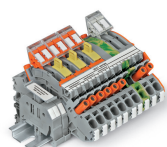


A lock-out seal can be used on the disconnect link in operating position I when combined with an end and separator plate (Item No. 2007-8893 or Item No. 2007-8894).



Interlocking link mechanically locks multiple links for multi-pole switching applications.

Marking



Marking via WMB Multi markers or marking strips.