

Data sheet | Item number: 2007-8877

Compact terminal block; for current transformer circuit; 6,00 mm²;
multicoloured

www.wago.com/2007-8877



Item description

Contains:

- 8 x 2-conductor disconnect/test terminal block, with touch-proof test sockets, for 4 mm Ø test plugs (2007-8821)
- 4 x circuit jumper, insulated, 2-way (2007-8442)
- 4 x locking cover, mechanically locks multiple links, 2-pole (282-882)
- 1 x end and separator plate, 1.5 mm thick, without lock-out seal option (2007-8892)
- 8 x WMB Inline, plain, 1,500 WMB markers (5 mm) per reel (2009-115)

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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- 2 x screwless end stop, 10 mm wide (249-117)

Data

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Number of levels	1
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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
Fine-stranded conductor; with uninsulated ferrule	1.5 ... 6 mm ² / 16 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm ² / 16 ... 10 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 inches
Wiring direction	Front-entry wiring

Physical data

Width	85.5 mm / 3.366 inches
Height	99.6 mm / 3.921 inches
Depth from upper-edge of DIN-rail	65.3 mm / 2.571 inches
Module width	8 mm / 0.315 inches

Mechanical Data

Mounting type	DIN-35 rail
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Marking level

Center/side marking

Material Data

Note (material data)

Information on material specifications can be found here

Color	multi-colored
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	4.092 MJ
Weight	250.4 g

Environmental requirements

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

Commercial data

eCl@ss 10.0	27-14-11-47
eCl@ss 9.0	27-14-11-47
ETIM 8.0	EC000276
ETIM 7.0	EC000276
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143240673
Customs tariff number	85369010000

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)	99de7278-19dc-4ed9-a698-f110ec8232e4
SCIP notification number (Belgium)	fd633b4b-67a5-4775-b71b-acf940f0d948
SCIP notification number (Bulgaria)	7c216727-d1d4-4645-9815-24fb4147d9cc
SCIP notification number (Czech Republic)	b07a6628-9357-4d52-b4ce-56af8cc35208

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SCIP notification number (Denmark)	eae2ad3e-d989-4fdd-b847-71f9d79261a1
SCIP notification number (Finland)	6fa044d4-f699-4d5d-a982-88fa55734835
SCIP notification number (France)	7f687f6f-4ff2-4b6c-8634-a755838686e8
SCIP notification number (Germany)	c4756e0b-1539-4c7c-a551-db2f93a39f44
SCIP notification number (Hungary)	45fde486-5020-435b-8cab-0c0daffc45e1
SCIP notification number (Italy)	27d0abfc-da60-466c-8d3e-bc3b08f266f9
SCIP notification number (Netherlands)	705851ff-e5cd-4b67-8dfa-fb2e1b4d97fb
SCIP notification number (Poland)	75c10da8-2db0-479d-ac47-d45422a58aa5
SCIP notification number (Romania)	47726db3-134c-48c2-9103-62167e5cf996
SCIP notification number (Sweden)	fe3e7e14-5def-45d0-ae8-86ef3a15be18

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	Railway WAGO GmbH & Co. KG	-	Railway Ready

Optional accessories

Carrier rail

Mounting accessories	
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	www.wago.com/210-197
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	www.wago.com/210-198
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	www.wago.com/210-113
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	www.wago.com/210-118
Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	www.wago.com/210-112
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	www.wago.com/210-114
Item no.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored	www.wago.com/210-115
Item no.: 210-196	

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Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-196

Ferrule	
Ferrule	
Item no.: 216-208	
Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-208 acc. to DIN 46228, Part 4/09.90; yellow	
Item no.: 216-263	
Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-263 acc. to DIN 46228, Part 4/09.90; red	
Item no.: 216-266	
Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue www.wago.com/216-266	
Item no.: 216-264	
Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black www.wago.com/216-264	
Item no.: 216-262	
Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray www.wago.com/216-262	
Item no.: 216-267	
Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray www.wago.com/216-267	
Marking accessories	
Marking strip	
Item no.: 2009-110	
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white www.wago.com/2009-110	
Marker	
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 www.wago.com/2009-115/000-002	
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 www.wago.com/2009-115/000-007	
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 www.wago.com/2009-115/000-017	
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 www.wago.com/2009-115/000-023	
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 www.wago.com/2009-115/000-024	
Item no.: 2009-115	
www.wago.com/2009-115	

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

Item no.: 793-501/000-002

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

www.wago.com/793-501/000-002

Item no.: 793-501/000-007

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

www.wago.com/793-501/000-007

Item no.: 793-501/000-017

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

www.wago.com/793-501/000-017

Item no.: 793-501/000-012

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

www.wago.com/793-501/000-012

Item no.: 793-501/000-023

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

www.wago.com/793-501/000-023

Item no.: 793-501/000-006

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

www.wago.com/793-501/000-006

Item no.: 793-501/000-005

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

www.wago.com/793-501/000-005

Item no.: 793-501

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

www.wago.com/793-501

Item no.: 793-501/000-024

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

www.wago.com/793-501/000-024

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

www.wago.com/2009-115/000-012

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

www.wago.com/2009-115/000-006

Mounting

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

www.wago.com/709-169

Cover

Item no.: 709-156

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Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

www.wago.com/709-156

Tool

Operating tool

Item no.: 210-721

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-721

Downloads

Documentation

Bid Text

2007-8877 X81 - Datei	2019 年2月19 日	xml 3.5 kB	Download
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2007-8877 doc - Datei	2015 年7月21 日	doc 25.1 kB	Download
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Additional Information

		pdf 2.3 MB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 2007-8877		URL	Download
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EPLAN Data Portal 2007-8877		URL	Download
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CAD data

2D/3D Models 2007-8877		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2007-8877 Compact terminal block; for current transformer circuit; 6,00 mm ² ; multicoloured		URL	Download
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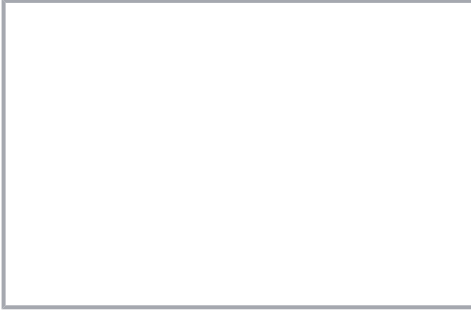
Installation Notes

Commoning



Additional commoning option on the transformer side

Security

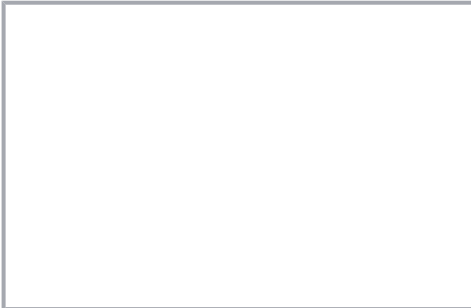


Lock-out prevents accidental operation of disconnect link.

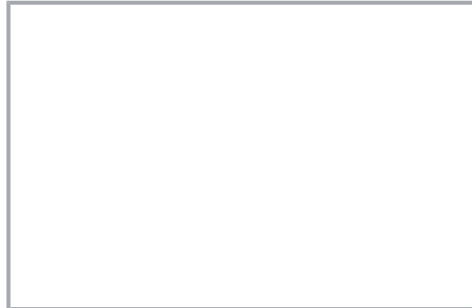


Lock-out snaps into one of two notched positions.

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 (2007-8893 or 2007-8894).

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

Marking



Marking via WMB Multi markers or marking strips.

Product family

TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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