Data sheet | Item number: 282-607

2-conductor ground terminal block; 6 mm²; lateral marker slots; for DIN-rail
35 x 15 and 35 x 7.5; CAGE CLAMP®; 6,00 mm²; green-yellow

www.wago.com/282-607

Color: ▊

Data
Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-2

Connection data

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

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.2 … 6 mm² / 24 … 10 AWG

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

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Fine-stranded conductor	0.2 … 6 mm² / 24 … 10 AWG
Strip length	12 … 13 mm / 0.47 … 0.51 inches
Wiring direction	Front-entry wiring

Physical data

Width	8 mm / 0.315 inches
Height	62 mm / 2.441 inches
Depth from upper-edge of DIN-rail	31.5 mm / 1.24 inches

Mechanical Data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

Material Data

Note (material data)	
	Information on material specifications can be found here

Color	green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.195 MJ
Weight	19.1 g

Environmental requirements

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

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-41
eCl@ss 9.0	27-14-11-41
ETIM 8.0	EC000901
ETIM 7.0	EC000901
PU (SPU)	50 pcs
Packaging type	box

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

Country of origin	DE
GTIN	4045454100209
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	7(a)
	7(c)-I
	7(c)-II
SCIP notification number (Austria)	2f071241-b67a-4cf6-b6f5-94d2f657520f
SCIP notification number (Belgium)	995961d5-5fd1-4490-be36-a1d66442f174
SCIP notification number (Bulgaria)	591f17c4-d590-481a-815c-d6c0b0959a99
SCIP notification number (Czech Republic)	d113e42a-c999-4217-bbb1-6d1153702e5e
SCIP notification number (Denmark)	85f8c732-6bc1-40c4-8928-6612ed5317e0
SCIP notification number (Finland)	e2c46e8f-d8e8-4594-a084-f5760713224e
SCIP notification number (France)	533d7443-47c7-4307-92c7-53dffbe13cc1
SCIP notification number (Germany)	e4ab771a-c4fe-49ef-91d3-1c85c8e947d0
SCIP notification number (Hungary)	8e011f13-eb5e-4fb7-a5e5-addb5a98bcf8
SCIP notification number (Italy)	1d30f9e7-c9fd-46d4-a0f5-edf180ff7396
SCIP notification number (Netherlands)	e4336c30-dcac-426f-8d90-8adfb5050071
SCIP notification number (Poland)	df32d315-165a-4986-a09f-5e0ad0670cc7
SCIP notification number (Romania)	99a7861c-d535-43b8-b70d-941d66d4e784
SCIP notification number (Sweden)	e28cce7b-10af-4b67-ad74-9bbec2c76479

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
CCA	**CCA** DEKRA Certification B.V.	EN 60947	NTR NL 7894
CSA	**CSA** DEKRA Certification B.V.	C22.2 No. 158	1505033
	KEMA/KEUR	EN 60947	71-

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

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32423 Minden
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Email: info.de@wago.com | Web: www.wago.com

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	DEKRA Certification B.V.		120778
	UL UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
CE	**EU-Declaration of Conformity** WAGO GmbH & Co. KG	-	-
UKCA	**UK-Declaration of Conformity** WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
ABS	**ABS** American Bureau of Shipping	EN 60947	20-HG1941090-PDA
BV	**BV** Bureau Veritas S.A.	EN 60947	07436/F0 BV
DNV	**DNV GL** Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Required accessories

End plate

End plate		
	Item no.: 282-316 End and intermediate plate; 4 mm thick; gray	www.wago.com/282-316

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

Item no.: 282-317
End and intermediate plate; 4 mm thick; orange

www.wago.com/282-317

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.: 210-504
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-504

Item no.: 210-505
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-505

Item no.: 210-506
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-506

Item no.: 210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-508

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
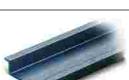
Item no.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

www.wago.com/210-196

Testing and measuring

Testing accessories

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

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	Item no.: 209-170	www.wago.com/209-170
	Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 10 mm² tbs; gray	
	Item no.: 709-310	www.wago.com/709-310
	B-type test plug module; modular; suitable for all WAGO 282 Series rail-mounted terminal blocks with jumper slots; 6,00 mm²; gray	
	Item no.: 709-311	www.wago.com/709-311
	B-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray	

Ferrule

Ferrule

	Item no.: 216-263	www.wago.com/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.: 216-266	www.wago.com/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.: 216-264	www.wago.com/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.: 216-262	www.wago.com/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.: 216-267	www.wago.com/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	

Marking accessories

Marker

	Item no.: 2009-115/000-002	www.wago.com/2009-115/000-002
	WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	
	Item no.: 2009-115/000-007	www.wago.com/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.: 2009-115/000-017	www.wago.com/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.: 2009-115/000-023	www.wago.com/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.: 2009-115/000-024	www.wago.com/2009-115/000-024
	WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	

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

Item no.: 2009-115

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

www.wago.com/2009-115

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

www.wago.com/793-5501/000-007

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

www.wago.com/793-5501/000-012
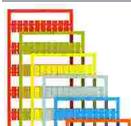
Item no.: 793-5501/000-014

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

www.wago.com/793-5501/000-014
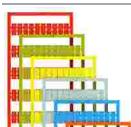
Item no.: 793-5501/000-017

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

www.wago.com/793-5501/000-017
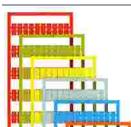
Item no.: 793-5501/000-023

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

www.wago.com/793-5501/000-023
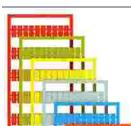
Item no.: 793-5501/000-024

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

www.wago.com/793-5501/000-024
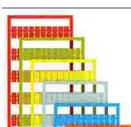
Item no.: 793-501/000-002

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

www.wago.com/793-501/000-002
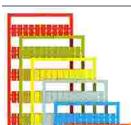
Item no.: 793-501/000-007

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

www.wago.com/793-501/000-007
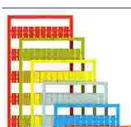
Item no.: 793-501/000-017

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

www.wago.com/793-501/000-017
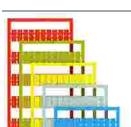
Item no.: 793-501/000-012

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

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

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

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	Item no.: 793-501/000-023	www.wago.com/793-501
	WMB marking card; as card; not stretchable; plain; snap-on type; green	/000-023

	Item no.: 793-501/000-006	www.wago.com/793-501
	WMB marking card; as card; not stretchable; plain; snap-on type; blue	/000-006

	Item no.: 793-501/000-005	www.wago.com/793-501
	WMB marking card; as card; not stretchable; plain; snap-on type; red	/000-005

	Item no.: 793-501	www.wago.com/793-501
	WMB marking card; as card; not stretchable; plain; snap-on type; white	

	Item no.: 793-501/000-024	www.wago.com/793-501
	WMB marking card; as card; not stretchable; plain; snap-on type; violet	/000-024

	Item no.: 793-5501/000-005	www.wago.com/793-5501
	WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red	/000-005

	Item no.: 793-5501/000-002	www.wago.com/793-5501
	WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	/000-002

	Item no.: 793-5501/000-006	www.wago.com/793-5501
	WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue	/000-006

	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	www.wago.com/793-5501

	Item no.: 2009-115/000-012	www.wago.com/2009-115
	WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	/000-012

	Item no.: 2009-115/000-006	www.wago.com/2009-115
	WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	/000-006

Group marker carrier

	Item no.: 209-144	www.wago.com/209-144
	Group marker carrier; gray	

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

	Item no.: 209-143 Group marker carrier; gray	www.wago.com/209-143
	Item no.: 249-105 Group marker carrier; gray	www.wago.com/249-105

Mounting

Cover carrier
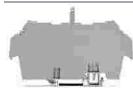
	Item no.: 709-167 Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray	www.wago.com/709-167

Cover
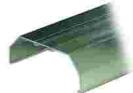
	Item no.: 709-153 Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent	www.wago.com/709-153

Mounting accessories

	Item no.: 209-106 Mounting carrier; for isolated mounting on DIN 35 rails; gray	www.wago.com/209-106
	Item no.: 249-116 Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray	www.wago.com/249-116

Protective warning marker

Cover

	Item no.: 282-415 Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow	www.wago.com/282-415

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

Jumpers

Jumper

	Item no.: 282-409 Jumper; insulated; gray	www.wago.com/282-409
	Item no.: 282-424 Jumper; insulated; orange	www.wago.com/282-424
	Item no.: 282-402 Jumper; insulated; gray	www.wago.com/282-402
	Item no.: 282-422	

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

	Jumper; insulated; yellow-green		www.wago.com/282-422
	Item no.: 709-110 Wire commoning chain; 2.5 mm²; insulated; black		www.wago.com/709-110
	Item no.: 709-112 Wire commoning chain; 2.5 mm²; insulated; black		www.wago.com/709-112
	Item no.: 709-111 Wire commoning chain; 2.5 mm²; insulated; black		www.wago.com/709-111

Downloads
Documentation

Additional Information

	pdf 2.2 MB	Download

CAD/CAE-Data

CAE data

EPLAN Data Portal 282-607	URL	Download
WSCAD Universe 282-607	URL	Download
ZUKEN Portal 282-607	URL	Download

CAD data

2D/3D Models 282-607	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 282-607	URL	Download

2-conductor ground terminal block; 6 mm²; lateral marker slots; for DIN-rail 35 x 15
and 35 x 7.5; CAGE CLAMP®; 6,00 mm²; green-yellow

Installation Notes

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

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Installation

Snapping a ground conductor block onto the DIN-rail automatically makes a direct electrical connection to the rail.


Quick assembly keys prevent reverse mounting.
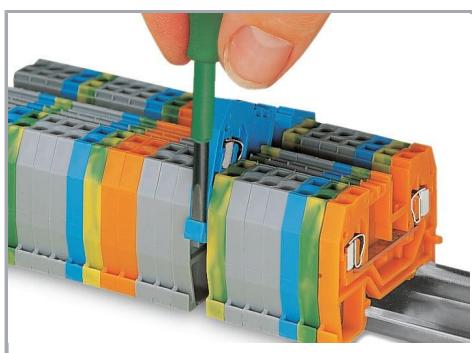
Removing a terminal block from the assembly.

Conductor termination
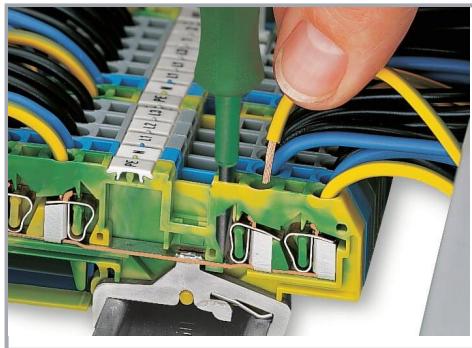
**CAGE CLAMP® connection**

Inserting a conductor.

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

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32423 Minden
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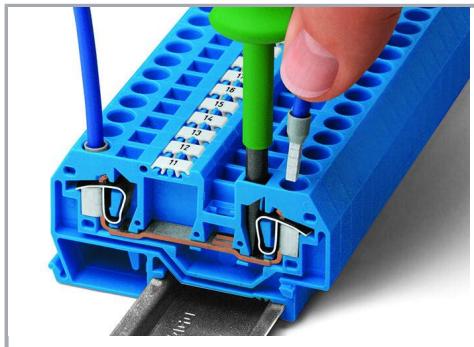
CAGE CLAMP® connection

Inserting a conductor.

With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.
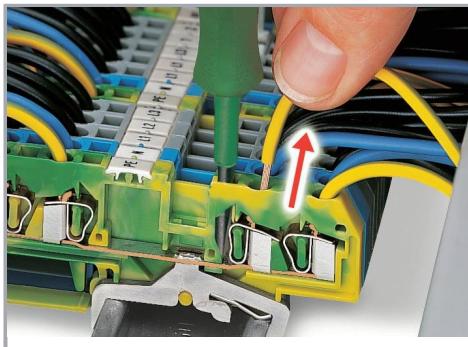
CAGE CLAMP® connection

Removing a solid conductor.

Commoning
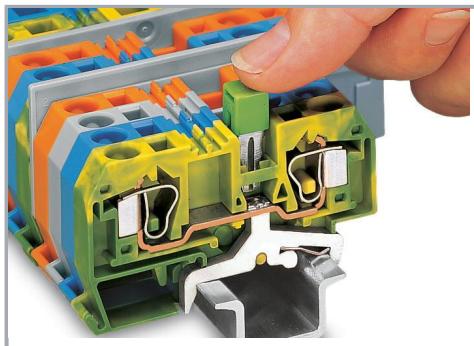
Commoning ground conductor terminal blocks with through terminal blocks is possible in one direction only (via rear side of terminal block) using adjacent jumpers. WAGO recommends using yellow–green adjacent jumpers in addition to the required marking of these blocks.

Marking

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

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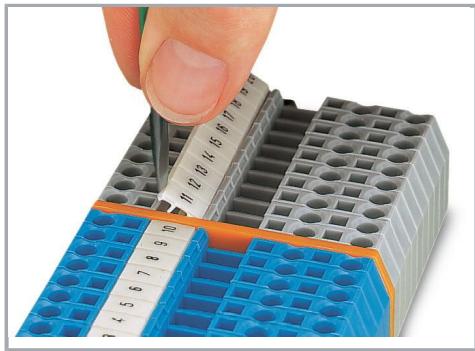
Labeling via WMB Multi Marking System.

Product family

Classic

EPSITRON® CLASSIC POWER: The Robust Power Supply – with Integrated TopBoost (Optional)

Show all products from the family

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

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