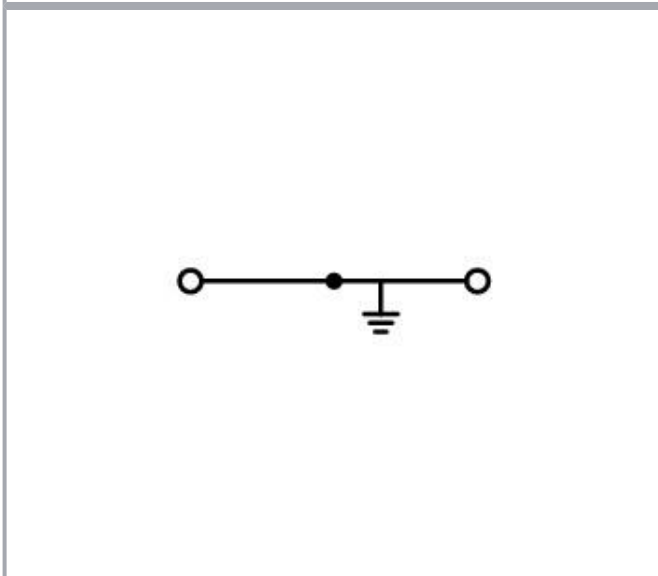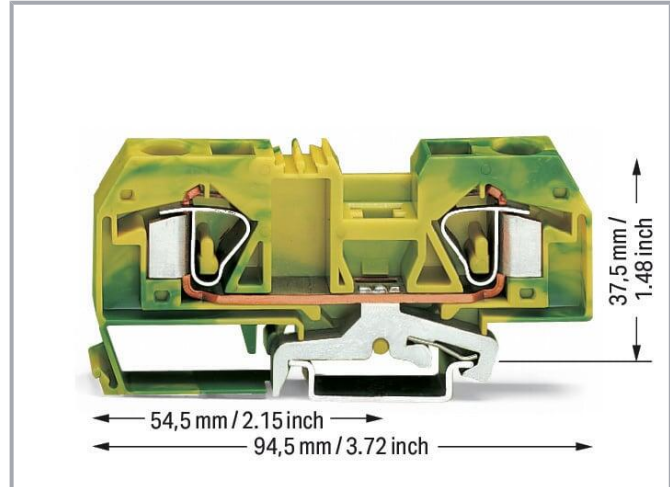# 2-conductor ground terminal block; 16 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 16,00 mm²; green-yellow

www.wago.com/283-907

Color: ▌

37,5 mm / 1.48 inch

54,5 mm / 2.15 inch

94,5 mm / 3.72 inch

Data
Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-2

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

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 … 16 mm² / 24 … 6 AWG
Fine-stranded conductor	0.2 … 16 mm² / 24 … 6 AWG
Strip length	16 … 17 mm / 0.63 … 0.67 inches
Wiring direction	Front-entry wiring

Physical data

Width	12 mm / 0.472 inches
Height	94.5 mm / 3.72 inches
Depth from upper-edge of DIN-rail	37.5 mm / 1.476 inches

Mechanical Data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center 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	0.502 MJ
Weight	46.5 g

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

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)	20 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454084561
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)	f4ab1fab-7a18-4d93-9775-fec797bbb3ad
SCIP notification number (Belgium)	c209e2af-11ac-413e-ada3-cc8a2d89d58e
SCIP notification number (Bulgaria)	d6b2679b-8fdb-44f2-9d91-1c253a68c2a9
SCIP notification number (Czech Republic)	c500dc97-3be1-4ab5-9a2f-8efedab4dd9f
SCIP notification number (Denmark)	555d192c-1d1b-46ce-8524-7362d545cd0b
SCIP notification number (Finland)	37fc2085-cbb0-410c-bec4-d92a77cc985a
SCIP notification number (France)	e0addd4e-e75f-404c-9bd7-0af21d54d216
SCIP notification number (Germany)	15ae49d0-459a-4686-9676-861c3c053dfe
SCIP notification number (Hungary)	824c64f4-5e38-464c-97ae-22da17cd4c3f
SCIP notification number (Italy)	29f61f88-8f14-4363-986b-5d0b57aab5f6
SCIP notification number (Netherlands)	4129667d-4c43-4d6c-9bda-d95aa60e60b7
SCIP notification number (Poland)	0ab484ef-7039-45c5-8eb6-9967f1bd75ec
SCIP notification number (Romania)	312d57f1-238d-4550-9846-8c5bfccb5d73

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

SCIP notification number (Sweden)   afd609be-238a-4307-9382-dea934456aed

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
CCA	**CCA** DEKRA Certification B.V.	EN 60947	NTR NL 7895
CSA	**CSA** DEKRA Certification B.V.	C22.2 No. 158	1536072
KEMA KEUR	**KEMA/KEUR** DEKRA Certification B.V.	EN 60947	71-120777
UL	**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	-	-

Approvals for marine applications

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

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

Det Norske Veritas, Germanischer Lloyd

Required accessories

End plate

End plate

	Item no.: 283-325 End and intermediate plate; 2.5 mm thick; gray	www.wago.com/283-325
	Item no.: 283-328 End and intermediate plate; 2.5 mm thick; orange	www.wago.com/283-328

Optional accessories

Carrier rail

Mounting accessories

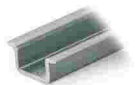|	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	www.wago.com/210-197
	Item no.: 210-198 Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	www.wago.com/210-198
	Item no.: 210-504 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

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

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
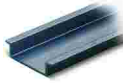
www.wago.com/210-114

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

Item no.: 283-404
Test plug adapter; 11.6 mm wide; for 4 mm Ø test plugs; gray

www.wago.com/283-404

Jumpers

Jumper

Item no.: 283-422
Jumper; insulated; yellow-green

www.wago.com/283-422

Item no.: 283-402
Jumper; insulated; gray

www.wago.com/283-402

Item no.: 283-409
Jumper; insulated; gray

www.wago.com/283-409

Item no.: 285-435
Jumper; insulated; gray

www.wago.com/285-435

Protective warning marker

Cover

Item no.: 283-415
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

www.wago.com/283-415

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
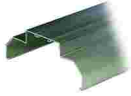
Mounting

Cover carrier

Item no.: 709-168
Cover carrier; Type 2; incl. fixing/retaining screws and knurled nut; suitable for 283 to 285 Series rail-mounted terminal blocks; suitable for 279 to 281 Series double- and triple-deck terminal blocks; suitable for 780 to 785, 775, 776 and 777 Series TOPJOB® rail-mounted terminal blocks; suitable for

www.wago.com/709-168

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

280 Series sensor and actuator terminal blocks; suitable for 282 Series disconnect/test terminal blocks for transformer circuits; gray

Cover		
	Item no.: 709-154 Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent	www.wago.com/709-154

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

Marking accessories

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 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

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

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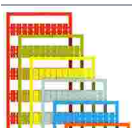
www.wago.com/793-501 /000-012

Item no.: 793-501/000-023

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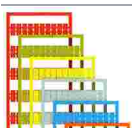
www.wago.com/793-501 /000-023

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

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

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	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.: 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	www.wago.com/793-5501 /000-005
	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	www.wago.com/793-5501 /000-002
	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	www.wago.com/793-5501 /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 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

Group marker carrier

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

Voltage tap

Power tap

	Item no.: 283-407 Power tap; with 500 mm cable; for 16 mm² (283/783 Series) and 35 mm²; gray	www.wago.com/283-407

Cover

Cover

	Item no.: 283-400 Finger guard; touchproof cover protects unused conductor entries; yellow	www.wago.com/283-400

Ferrule

Ferrule

	Item no.: 216-108

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

	Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-108
	Item no.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated	www.wago.com/216-109
	Item no.: 216-284 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	www.wago.com/216-284
	Item no.: 216-286 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	www.wago.com/216-286
	Item no.: 216-287 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-287
	Item no.: 216-288 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	www.wago.com/216-288
	Item no.: 216-289 Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-289

Downloads
Documentation

Bid Text

283-907 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
283-907 doc - Datei	2017 Feb 28	doc 25.1 kB	Download

Additional Information

Technical Section Technical explanations		pdf 2.2 MB	Download

CAD/CAE-Data
CAD data

2D/3D Models 283-907	URL	Download

CAE data

EPLAN Data Portal 283-907	URL	Download

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WSCAD Universe 283-907		URL	Download
ZUKEN Portal 283-907		URL	Download

Environmental Product Compliance

Compliance Search
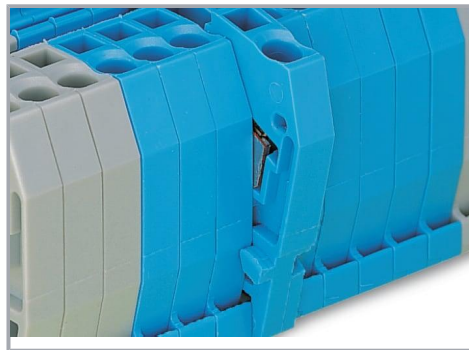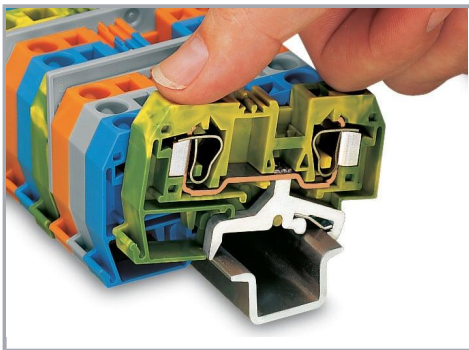
Environmental Product Compliance 283-907	URL	Download

2-conductor ground terminal block; 16 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 16,00 mm²; green-yellow
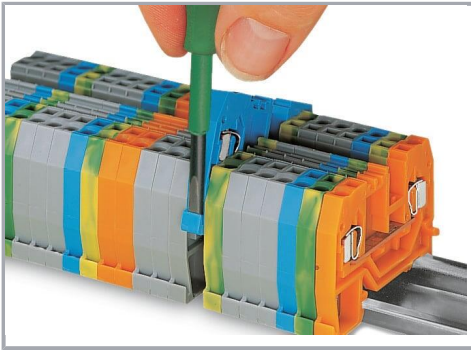
Installation Notes

Installation

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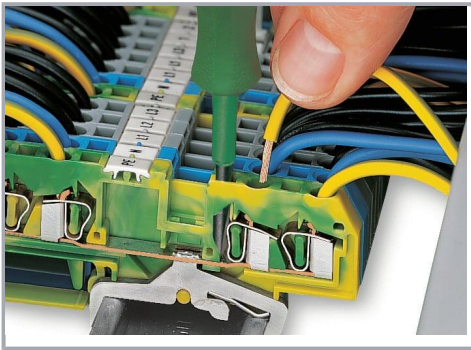

Quick assembly keys prevent reverse mounting.

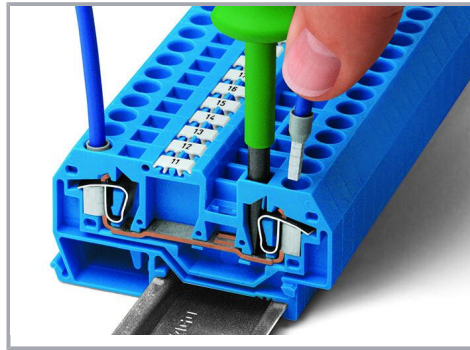Subject to changes. Please also observe the further product documentation!

Removing a terminal block from the assembly.

Conductor termination

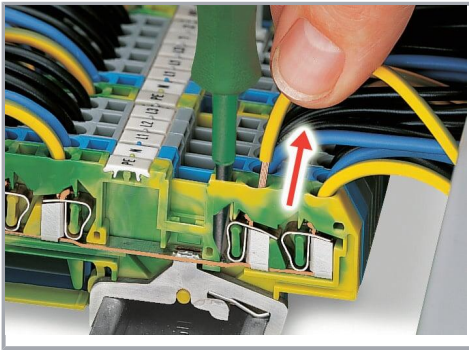**CAGE CLAMP® connection**

Inserting a conductor.

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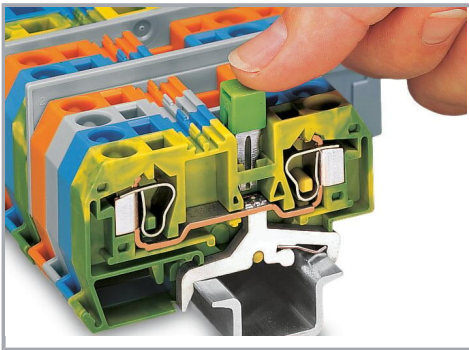
Subject to changes. Please also observe the further product documentation!

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CAGE CLAMP® connection
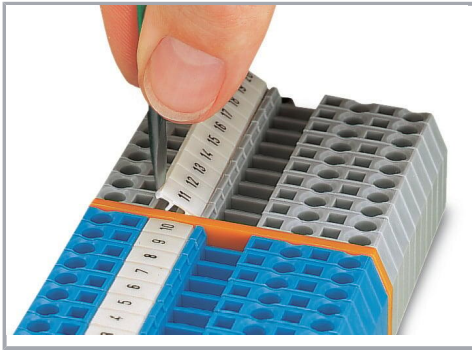
Removing a solid conductor.

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!

WAGO GmbH & Co. KG
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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!