# Data sheet | Item number: 285-637/999-950

2-conductor ground terminal block; 25 mm²; with integrated end plate; suitable for Ex e II applications; side and center marking; only for DIN 35 x 15 rail; CAGE CLAMP®; 25,00 mm²; green-yellow

www.wago.com/285-637/999-950

i Picture differs from the item.

Color: 🟨🟩
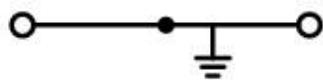
53 mm / 2.09 inch

100 mm / 3.94 inch

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Data
Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-2

Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"

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
Nominal cross-section	25 mm²
Solid conductor	6 … 25 mm² / 10 … 2 AWG
Fine-stranded conductor	6 … 25 mm² / 10 … 4 AWG
Strip length	23 mm / 0.91 inches
Wiring direction	Front-entry wiring

Physical data

Width	16 mm / 0.63 inches
Height	100 mm / 3.937 inches
Depth from upper-edge of DIN-rail	53 mm / 2.087 inches

Mechanical Data

Design	horizontal type
Mounting type	DIN-35 rail
Mounting (note)	only suitable for DIN 35 x 15 rail

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

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	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.144 MJ
Weight	105 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)	15 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454218775
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)
	7(a)
	7(c)-I
	7(c)-II
SCIP notification number (Austria)	5b69cc30-e423-443b-b1a5-95895f5445b6

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

SCIP notification number (Belgium)	c2ea1fc8-1334-4b06-a4d2-1a85f651c6d1
SCIP notification number (Bulgaria)	a947e47e-f998-46c8-8a9a-1fc9c02a430f
SCIP notification number (Czech Republic)	b3c9a44c-8bc1-4320-9d1a-fdd21f9a68bc
SCIP notification number (Denmark)	134c519b-b319-457d-8b84-1c178d78fb40
SCIP notification number (Finland)	308e7abd-3b46-4e00-a924-b9fd0cb5298a
SCIP notification number (France)	8abed78d-da65-4e40-9d10-6e6f4dbb0920
SCIP notification number (Germany)	39d0ad91-ef77-4fbd-bc69-59aa4c8960b3
SCIP notification number (Hungary)	6364ecdd-fc89-4429-b6ac-f870448f5e78
SCIP notification number (Italy)	09f3f0cd-9713-44b6-b14b-a6bc814b80a1
SCIP notification number (Netherlands)	66c115f8-dc5b-4e80-a9a6-4eb2474827e1
SCIP notification number (Poland)	27f57341-45f3-4efc-954a-c34c5494e190
SCIP notification number (Romania)	b1008da0-399c-4e06-8cb7-a0a3613b2625
SCIP notification number (Sweden)	036eafa1-9d28-4ca6-a00f-86ef02207f66

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7707
	CSA DEKRA Certification B.V.	C22.2	154112
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-105562
	UL Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

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

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

08.06.2023   Page 4/13

CE

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
DNV	**DNV GL** Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
LR	**LR** Lloyds Register	EN 60947	91/20112 (E9)

Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
AEx	**AEx** Underwriters Laboratories Inc.	-	E185892 (AEx eb II C resp. Ex eb II C)
Ex	**ATEX** Physikalisch Technische Bundesanstalt	EN 60079-0	PTB 98 ATEX 3134 U (II 2 G Ex eb IIC Gb or I M 2 Ex eb I Mb)
CCC	**CCC** CNEX	GB/T 3836.3	2020312313000177 (Ex eb IIC Gb, Ex eb I Mb)
EAC Ex	**EAC** Brjansker Zertifizierungsstelle	TP TC 012/2011	RU C-DE.AM02.B.00127/19 (Ex e IIC Gb U)
	IECEx	IEC 60079-0	IECEx PTB 16.0001U

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

Physikalisch Technische Bundesanstalt

(Ex eb IIC Gb or Ex eb I Mb)

Required accessories

Jumpers

Jumper

	Item no.: 283-414	
	Step-down jumper; from 283 to 281 series; insulated; gray	www.wago.com/283-414
	Item no.: 285-435	
	Jumper; insulated; gray	www.wago.com/285-435

Cover

Cover

	Item no.: 285-401	
	Finger guard; touchproof cover protects unused conductor entries; for 35 mm² high-current tbs; yellow	www.wago.com/285-401

Protective warning marker

Cover

	Item no.: 285-416	
	Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow	www.wago.com/285-416

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

Optional accessories

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

Ferrule

Ferrule

	Item no.: 216-413	
	Ferrule; Sleeve for 25 mm² / AWG 4; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored	www.wago.com/216-413
	Item no.: 216-414	
	Ferrule; Sleeve for 35 mm² / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight	www.wago.com/216-414

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

crimped; acc. to DIN 46228, Part 1/08.92; silver-colored

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.: 210-506	
	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.: 210-118	
	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.: 210-114	
	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

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 280 Series sensor and actuator terminal blocks; suitable for 282 Series disconnect/test terminal blocks for transformer circuits; gray	www.wago.com/709-168

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.: 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 carrier

	Item no.: 2009-198	
	Adaptor; gray	www.wago.com/2009-198

Marker

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

	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.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-145 /000-006
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	www.wago.com/2009-145 /000-002
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-145 /000-007
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-145 /000-005
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-145 /000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-145 /000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-145 /000-024

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

	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.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/248-501 /000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/248-501 /000-007
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/248-501 /000-002
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/248-501 /000-012
	Item no.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/248-501 /000-017
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/248-501 /000-005
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/248-501 /000-024
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/248-501 /000-023
	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
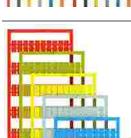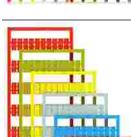
Subject to changes. Please also observe the further product documentation!

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.
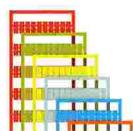
Item no.: 793-5501/000-017

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

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

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

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.
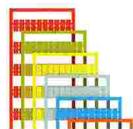
	Item no.: 793-501/000-024	www.wago.com/793-501
	WMB marking card; as card; not stretchable; plain; snap-on type; violet	/000-024

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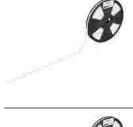
	Item no.: 2009-115/000-012	www.wago.com/2009-115
	WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	/000-012

	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

Downloads
Documentation

Bid Text

285-637/999-950 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
285-637/999-950 doc - Datei	2017 Feb 28	doc 25.6 kB	Download

Additional Information

Technical Section Technical explanations		pdf 2.2 MB	Download

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

CAD/CAE-Data

CAE data

EPLAN Data Portal 285-637/999-950	URL	Download
WSCAD Universe 285-637/999-950	URL	Download
ZUKEN Portal 285-637/999-950	URL	Download
WSCAD Universe 285-637/999-950	URL	Download
EPLAN Data Portal 285-637/999-950	URL	Download

CAD data

2D/3D Models 285-637/999-950	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 285-637/999-950	URL	Download

2-conductor ground terminal block; 25 mm²; with integrated end plate; suitable for Ex
e II applications; side and center marking; only for DIN 35 x 15 rail; CAGE CLAMP®;
25,00 mm²; green-yellow

Installation Notes

Conductor termination

Terminating a 35 mm² (2 AWG) conductor.

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

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

Marking

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

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.