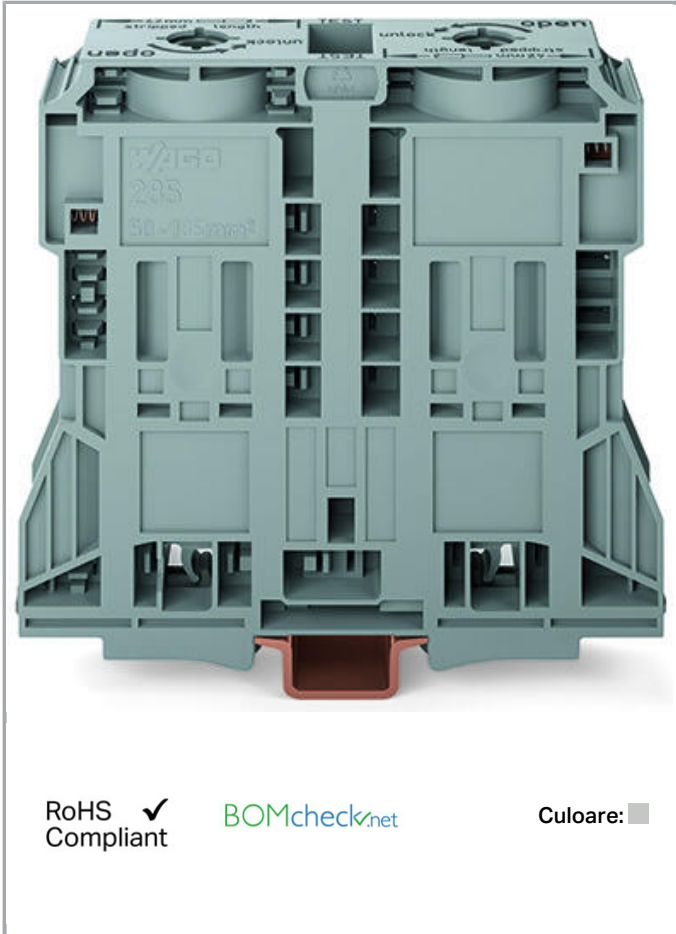


Fișă tehnică | Număr articol: 285-1189

2-conductor through terminal block; 185 mm²; suitable for Ex e II applications; lateral marker slots; only for DIN 35 x 15 rail; POWER CAGE CLAMP; 185,00 mm²; light gray

www.wago.com/285-1189



Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per

IEC/EN 60947-7-1

Approvals Ex

Rated voltage EN (Ex e II)

1.000 V

Rated current (Ex e II) with jumper

250 A

Supus modificărilor.

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/Representative Office Romania
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building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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Connection data

Connection technology	POWER CAGE CLAMP
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	185 mm ²
Solid conductor	50 ... 185 mm ² / 1/0 AWG ... 350 kcmil
Stranded conductor	50 ... 185 mm ² / 1/0 AWG ... 350 kcmil
Fine-stranded conductor	50 ... 185 mm ² / 1/0 AWG ... 350 kcmil
Fine-stranded conductor; with insulated ferrule	50 ... 150 mm ² / 1/0 AWG ... 300 kcmil
Fine-stranded conductor; with uninsulated ferrule	50 ... 185 mm ² / 1/0 AWG ... 350 kcmil
Strip length	45 ... 47 mm / 1.77 ... 1.85 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Wiring type	Side-entry wiring

Geometrical Data

Width	32 mm / 1.26 inch
Height from upper-edge of DIN-rail	116 mm / 4.567 inch
Depth	133 mm / 5.236 inch

Mechanical data

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

Material Data

Color	light gray
Insulation material	Polyamide 66 (PA 66)
Weight	534,9 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	DE
GTIN	4055143067089

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Customs tariff number




8536901000

Aprobări / certificate

Ex-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	AEx Underwriters Laboratories Inc.	-	E185892 sec. 4
	ATEX Physikalisch Technische Bundesanstalt	EN 60079	PTB 98 ATEX 3134 U (II 2 G EEx e II)
	ATEX Physikalisch Technische Bundesanstalt	EN 60079-0	PTB 98 ATEX 3134 U
	IECEX Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEX PTB 16.0001 U

Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7648
	CCA DEKRA Certification B.V.	EN 60947	2194773.01
	CSA DEKRA Certification B.V.	C22.2 No. 158	1151144

Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS	EN 60947	20-

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American Bureau of Shipping

HG1941090-
PDADNV GL
Det Norske Veritas, Germanischer Lloyd

TAE00001V2

UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL Underwriters Laboratories Inc.	UL 1059	E45172

Counterpart**Produse compatibile****General accessories**

	Nr. articol: 285-1175 Power tap; for 185 mm ² high-current terminal blocks; 10,00 mm ² ; gray	www.wago.com/285-1175
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tools

	Nr. articol: 285-172 Allen wrench; with a partially insulated shaft	www.wago.com/285-172
	Nr. articol: 285-173 Allen wrench; with a partially insulated shaft; with anti-rotation protection	www.wago.com/285-173

Marking accessories















	Nr. articol: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
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Nr. articol: 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	www.wago.com/2009-115
	Nr. articol: 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
	Nr. articol: 2009-115/000-005 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-115/000-005
	Nr. articol: 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
	Nr. articol: 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
	Nr. articol: 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
	Nr. articol: 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
	Nr. articol: 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
	Nr. articol: 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
	Nr. articol: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	Nr. articol: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/793-501/000-002
	Nr. articol: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/793-501/000-005
	Nr. articol: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/793-501/000-006
	Nr. articol: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/793-501/000-007

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Nr. articol: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange

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



Nr. articol: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green

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



Nr. articol: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green

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



Nr. articol: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type; violet

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



Nr. articol: 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



Nr. articol: 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



Nr. articol: 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



Nr. articol: 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



Nr. articol: 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



Nr. articol: 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



Nr. articol: 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



Nr. articol: 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; green

www.wago.com/793-5501/000-017



Nr. articol: 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; light green

www.wago.com/793-5501/000-023

Nr. articol: 793-5501/000-024

Supus modificărilor.



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

assembling



Nr. articol: 249-197
Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/249-197

protection



Nr. articol: 285-1178
Finger guard; touchproof cover protects unused conductor entries and jumper slots; for 185 mm² high-current terminal blocks

www.wago.com/285-1178

Carrier rail



Nr. articol: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

www.wago.com/210-118



Nr. articol: 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

Jumper



Nr. articol: 285-1171
Adjacent jumper; insulated; Nominal current: 309 A; gray

www.wago.com/285-1171

Protective Warning Marker



Nr. articol: 285-1176
Protective warning marker; yellow

www.wago.com/285-1176



Nr. articol: 285-1177
Protective warning marker; with high-voltage symbol, black; yellow

www.wago.com/285-1177

ferrule



Nr. articol: 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

www.wago.com/216-413



Nr. articol: 216-414
Ferrule; Sleeve for 35 mm² / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-414



Nr. articol: 216-424
Ferrule; Sleeve for 35 mm² / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-424



Nr. articol: 216-425
Ferrule; Sleeve for 50 mm² / AWG 1; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-425



Nr. articol: 216-435
Ferrule; Sleeve for 50 mm² / AWG 1; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-435

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Descărcări Documentation

Additional Information
Technical explanations

Apr 3, 2019

pdf
2,1 MB

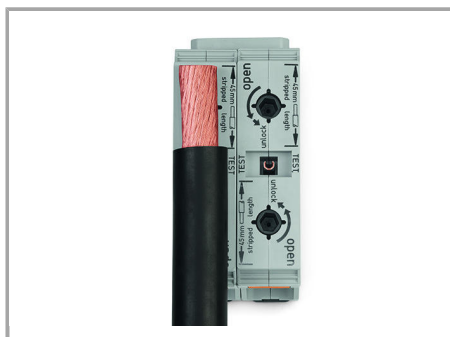
Descărcare

Installation Notes

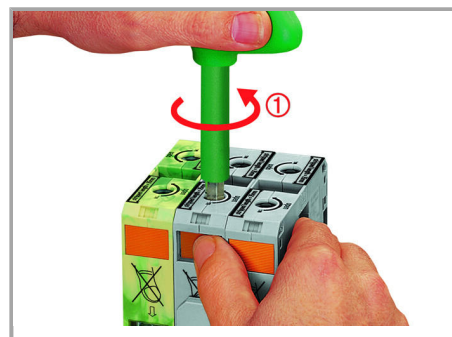
Conductor termination



For the optimal clamping force:



Always observe the printed strip length!

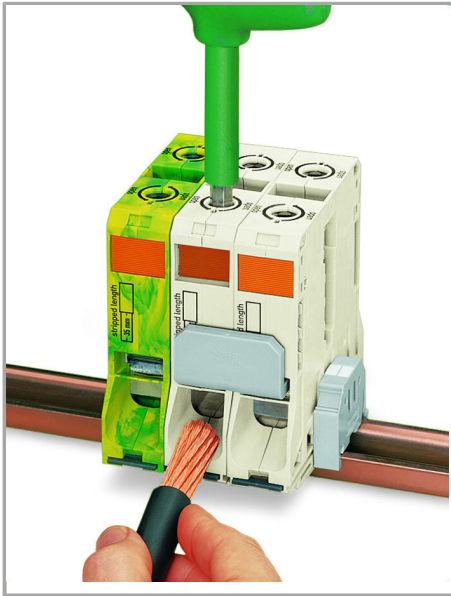


Conductor termination – step 1

- Bend conductor.
-
- Cut conductor to length (conductor end must be straight).
-
- Strip conductor.
-

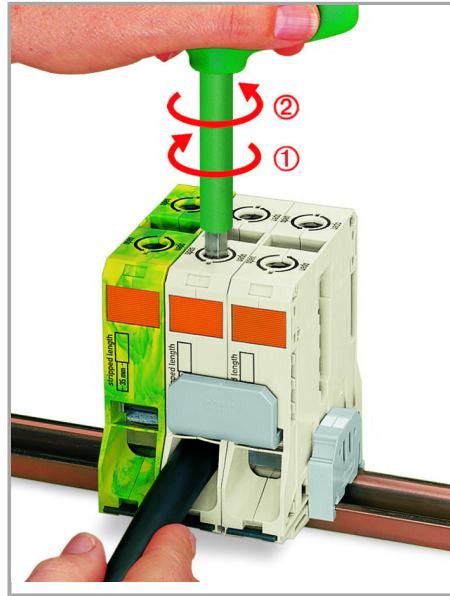
Rotate the T-wrench counter-clockwise to the stop. Next, push in the orange locking tab. The clamp is locked open for hands-free wiring.

Supus modificărilor.



Conductor termination – step 2

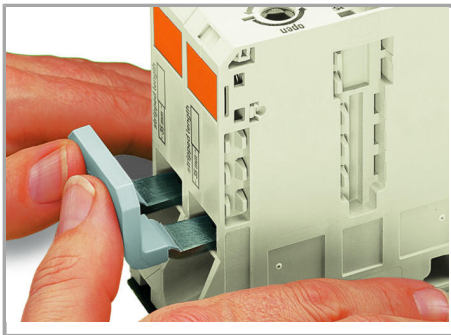
Insert a stripped conductor into the clamping unit until it hits backstop. Hold in this position.



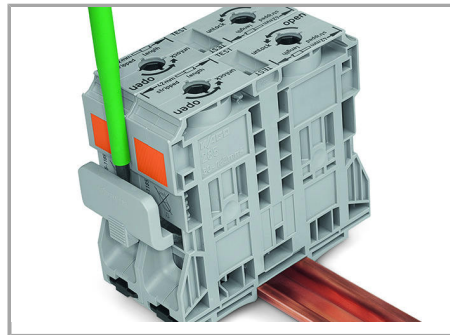
Conductor termination – step 3

A short counter-clockwise rotation releases the locking tab. When unlocked, the T-wrench rotates clockwise, securely clamping the conductor.

Commoning



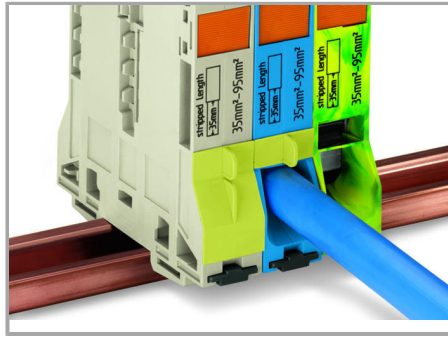
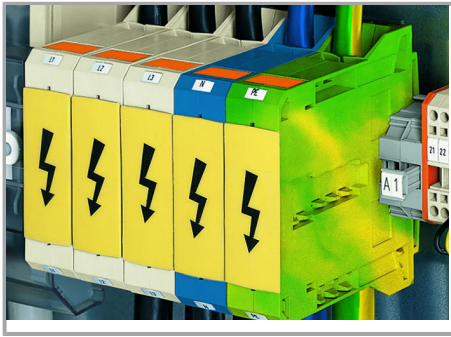
Commoning with an adjacent jumper: Insert the jumper above the conductor entry hole – prior to conductor termination. The nominal cross-section remains unchanged.



Removing jumper via operating tool.

Cover

Supus modificărilor.

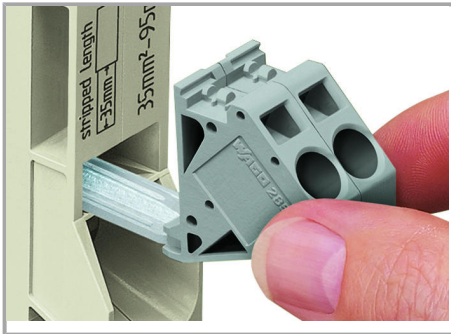


Protective warning marker may indicate:

Yellow, detachable finger guards provide touch-proof safety by shielding jumper contact slots and/or unused conductor entries.

Notice: Power is still on even after switching off the main switch!

Voltage Tap



Reliably and easily tap directly into the power supply. Insert the unwired tap before opening the clamping unit.

Safety

Supus modificărilor.



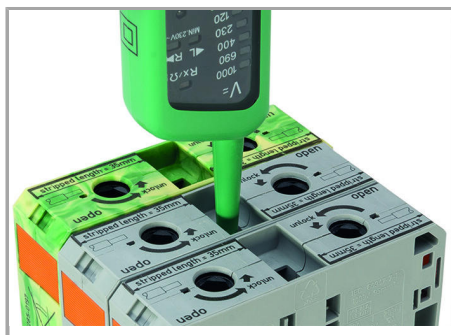
Risk of Injury!

Do not insert fingers in the conductor entry!

Testing



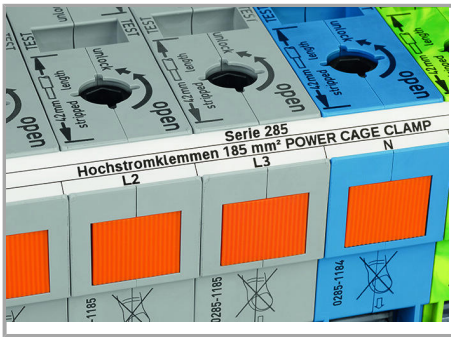
Testing via touch-proof 4 mm Ø test plugs (not available from WAGO, but offered by industry suppliers such as, Multi-Contact Deutschland GmbH).



Testing

Marking

Supus modificărilor.



In addition to WMB markers, marking strips can be directly applied to 185 mm² (350 kcmil) high-current terminal blocks.

Familie de produse

POWER CAGE CLAMP

Afișare globală produse din familie.

Supus modificărilor.

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