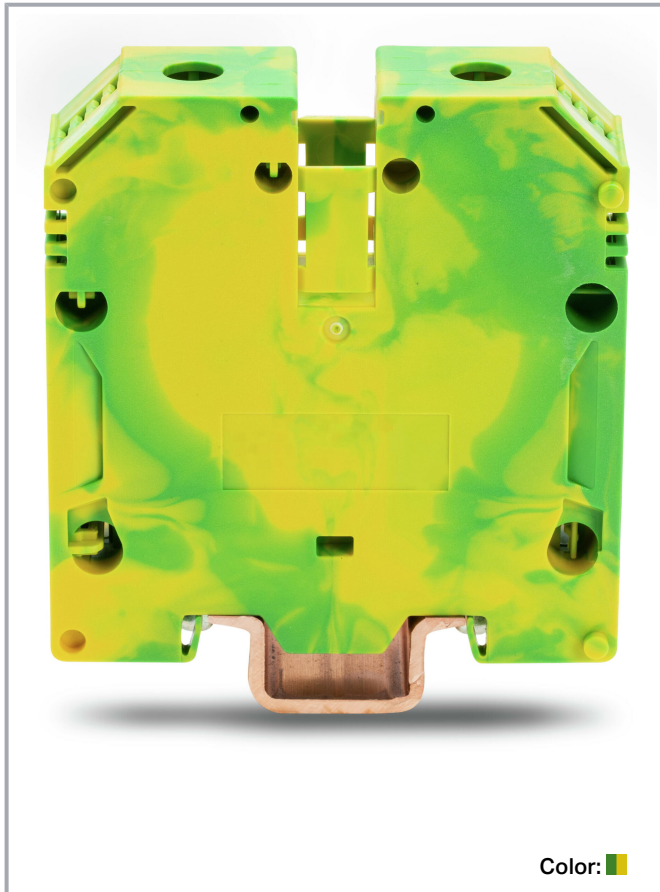


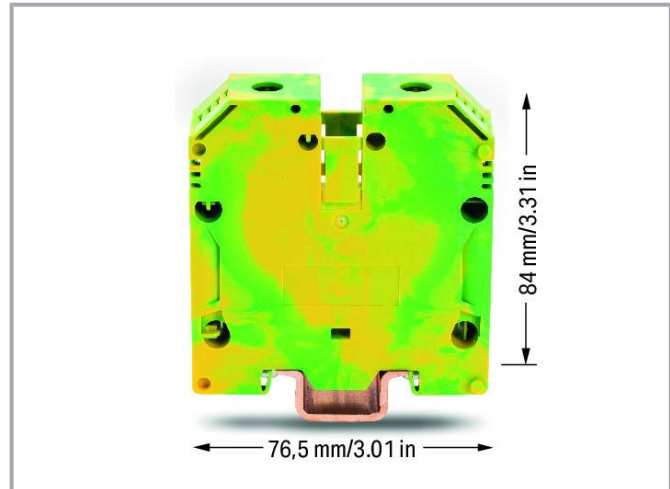
Data sheet | Item number: 883-7007

2-conductor ground terminal block; 70 mm²; SCREW CLAMP CONNECTION;
70,00 mm²; green-yellow

www.wago.com/883-7007



Color:



Data

Electrical data

IEC Approvals

Ratings per

IEC/EN 60947-7-2

UL Approvals

Approvals per

UL 1059

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

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CSA Approvals

Approvals per	C22.2 No 158
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Connection data

Connection technology	Screw-type connection
Actuation type	T-wrench
Connectable conductor materials	Copper
Nominal cross-section	70 mm ²
Solid conductor	10 ... 95 mm ² / 8 ... 3/0 AWG
Stranded conductor	10 ... 95 mm ² / 8 ... 3/0 AWG
Fine-stranded conductor	10 ... 70 mm ² / 8 ... 2/0 AWG
Fine-stranded conductor; with insulated ferrule	10 ... 70 mm ² / 8 ... 2/0 AWG
Strip length	22 mm / 0.87 inch
Total number of potentials	1
Number of levels	1
Wiring direction	Side-entry wiring
Screw thread	M5 M8

Physical data

Width	20.5 mm / 0.807 inch
Height	76.5 mm / 3.012 inch
Depth from upper edge of DIN-rail	84 mm / 3.307 inch

Mechanical data

Tightening torque	2.5 ... 4 Nm 6 ... 12 Nm
Design	horizontal type
Mounting type	DIN-rail 35 x 15; 2.3 mm thick; copper
Marking level	Side marking

Material data

Color	green-yellow
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0

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Weight	192 g
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Environmental requirements

Continuous operating temperature	-35 ... +105 °C
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Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143940825
Customs tariff number	8536904000

Optional accessories**Mounting**

	Item no.: 249-117 Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray	www.wago.com/249-117
	Item no.: 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

Tools

	Item no.: 855-8000 Allen wrench; with a partially insulated shaft	www.wago.com/855-8000
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Jumpers

	Item no.: 883-7042 Jumper; 2-way; unplated; silver-colored	www.wago.com/883-7042
	Item no.: 883-7043 Jumper; 3-way; unplated; silver-colored	www.wago.com/883-7043
	Item no.: 883-7044 Jumper; 4-way; unplated; silver-colored	www.wago.com/883-7044

Protective warning marker

	Item no.: 883-7086 Protective warning marker; with high-voltage symbol; yellow	www.wago.com/883-7086
	product.articleNumber.code: 883-7088 Protective warning marker; with high-voltage symbol; white	www.wago.com/883-7088

Carrier rail

	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
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General accessories

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Item no.: 883-7099

Insertion plate for flat cables; for 883 Series; 70 mm²; silver-coloredwww.wago.com/883-7099

Marking accessories

	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.: 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.: 2009-115/000-005 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
	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
	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.: 2009-115/000-012 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.: 2009-115/000-017 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.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	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.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/793-501/000-005
	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

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	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.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/793-501/000-012
	Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/793-501/000-017
	Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/793-501/000-023
	Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/793-501/000-024
	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.: 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.: 793-5501/000-005 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.: 793-5501/000-006 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.: 793-5501/000-007 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; green	www.wago.com/793-5501/000-017
	Item no.: 793-5501/000-023	

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



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



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

Potential distribution



Item no.: 883-7030

Power tap; 10,00 mm²; beige

www.wago.com/883-7030

Downloads

Documentation

Bid Text

883-7007	xml	Download
X81 - Datei	4.5 kB	

883-7007	docx	Download
docx - Datei	14.0 kB	

Additional Information

Technical explanations	Apr 3, 2019	pdf	Download
		2.2 MB	

CAD files

CAD data

2D/3D Models 883-7007	URL	Download
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CAE data

ZUKEN Portal 883-7007	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 883-7007	URL	Download
2-conductor ground terminal block; 70 mm ² ; SCREW CLAMP CONNECTION; 70,00 mm ² ; green-yellow		

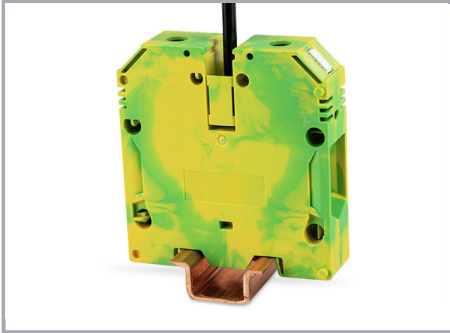
Subject to changes. Please also observe the further product documentation!

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Installation Notes

Installation



Montage und Demontage von Schutzleiterklemmen

Die Montage erfolgt durch Aufsetzen der Schutzleiterklemme auf die Kupfertragschiene und anschließende Befestigung durch Anziehen der Innensechskantschraube im Brückerschacht mit einem Innensechskantschlüssel 6 mm.

Die Tragschienenkontaktierung erfolgt über den PE-Fuß.

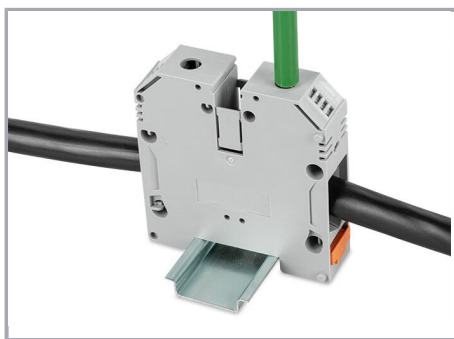
Die Demontage erfolgt durch Lösen der Innensechskantschraube im Brückerschacht und Abkippen von der Tragschiene.

Conductor termination

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

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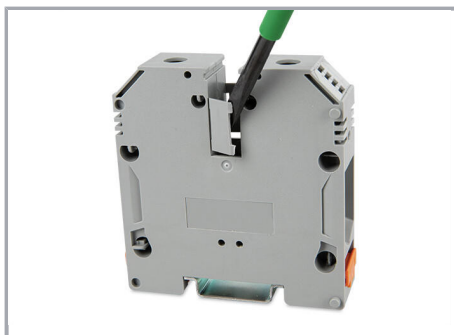
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Conductor termination and clamping point actuation

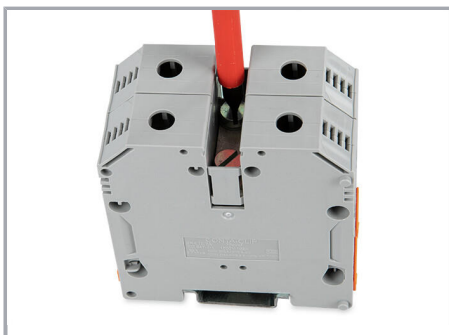
The stripped conductor is inserted into the clamping unit until it hits the backstop. By turning the screw to the right with a 6 mm T-wrench, the conductor is indirectly pressed against the current bar via the clamping bracket.

Commoning



Commoning

Step 1: Remove the inner partitions at the defined break points.



Commoning

Step 2: Insert the jumper into the jumper slot and tighten the screws with a slotted screwdriver. The jumpers are designed for the rated current of the screw terminal block.

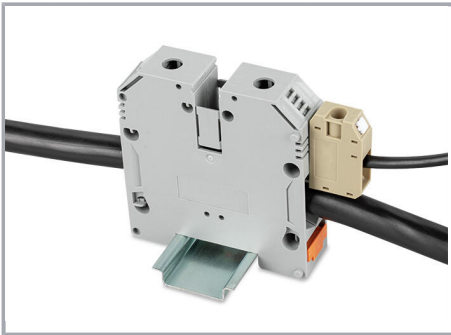
Subject to changes. Please also observe the further product documentation!



Insertion plate

To connect flat cables, the insertion plates are mounted into the clamping bracket to compensate for the V-shaped geometry and provide a secure conductor connection.

Power tap



Power tap

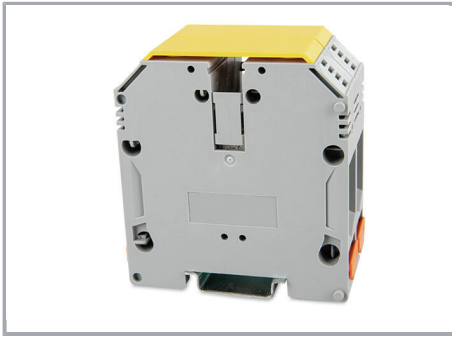
The power tap is inserted into the slot above the conductor entry and pressed indirectly against the current bar via the clamping bracket when the clamping point is actuated.

Cover

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

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Protective warning marker

The warning covers marked with a lightning arrow are snapped onto the screw terminal block from above and close the actuation slot. This prevents actuation of the clamping point under voltage and guarantees protection against accidental contact.

Testing



Testing

Voltage measurements can be performed via the screw heads in the actuation slot (e. g., via 2-pole 206-707 Voltage Tester).

Marking

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

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Marking

The screw terminal blocks can be labeled quickly and easily with the WMB Inline marking system. The markers are inserted into the receptacles provided for this purpose. The 2009-198 Marker Carrier allows marking strips to be used.



Marking

The screw terminal blocks can be labeled quickly and easily with the WMB Inline marking system. The markers are inserted into the receptacles provided for this purpose.

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

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