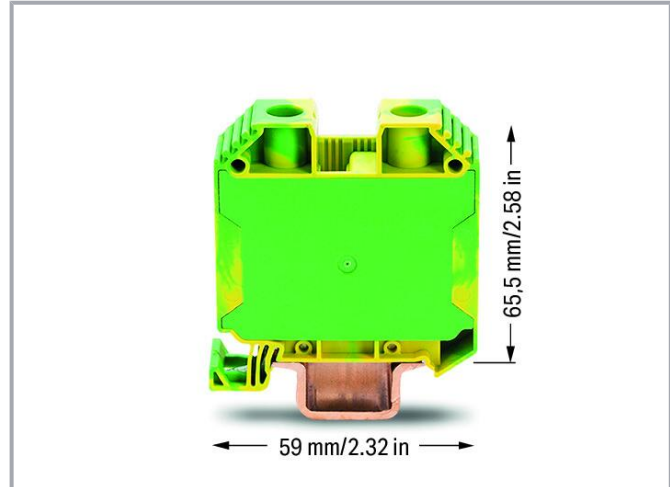
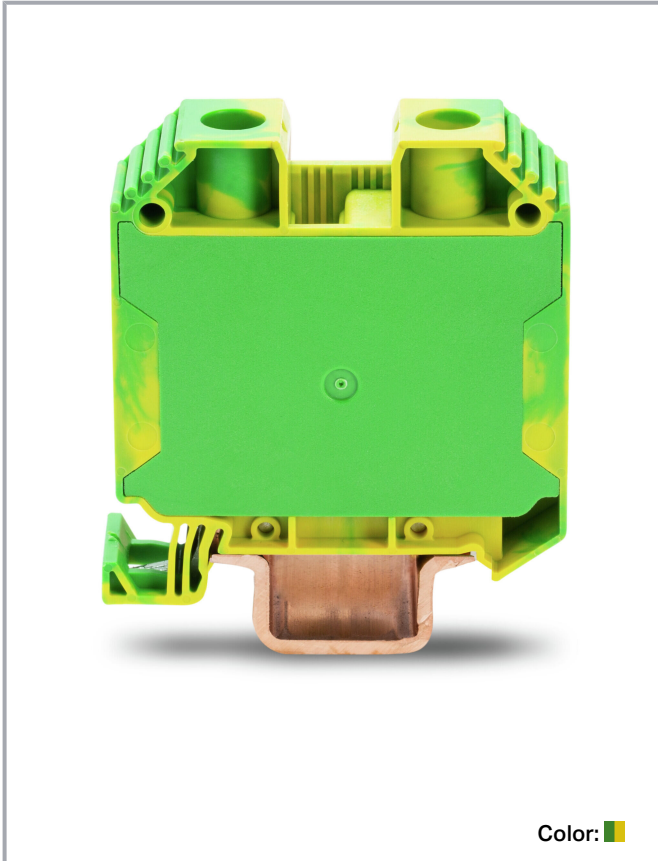


Data sheet | Item number: 883-3507

2-conductor ground terminal block; 35 mm²; SCREW CLAMP CONNECTION;
35,00 mm²; green-yellow

www.wago.com/883-3507



Data

Electrical data

Ratings per IEC/EN

Ratings per

IEC/EN 60947-7-2

Ratings per UL 1059

Approvals per

UL 1059

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

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Ratings per CSA

Approvals per	CSA 22.2 No 158
---------------	-----------------

Connection data

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

Connection 1

Connection technology	Screw connection
Actuation type	Slot screwdriver; (6.5 x 1.2) mm blade
Connectable conductor materials	Copper Aluminum

Connectable conductor materials (note)	Terminating Aluminum Conductors Both restrictions and application notes must be observed when terminating aluminum conductors. These instructions can be found in the WAGO Webshop under "Downloads – Documentation – Additional Information: Terminating Aluminum Conductors."
Nominal cross-section	35 mm ²
Solid conductor	1.5 ... 50 mm ² / 16 ... 1/0 AWG
Stranded conductor	1.5 ... 50 mm ² / 16 ... 1/0 AWG
Fine-stranded conductor	1.5 ... 50 mm ² / 16 ... 1/0 AWG
Fine-stranded conductor; with insulated ferrule	1.5 ... 35 mm ² / 16 ... 2 AWG
Note (conductor cross-section)	Connecting 50 mm ² is only possible on a copper DIN 35 x 15 rail (2.3 mm thick).
Strip length	18 mm / 0.71 inches
Wiring direction	Side-entry wiring
Screw thread	M6

Physical data

Width	16.1 mm / 0.634 inches
Height	59 mm / 2.323 inches
Depth from upper-edge of DIN-rail	65.5 mm / 2.579 inches

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

Mechanical Data

Tightening torque	3.2 ... 3.7 Nm
Mounting type	DIN-rail 35 x 15
Marking level	Side marking

Material Data

Note (material data)	Information on material specifications can be found here
Color	green-yellow
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	85.1 g

Environmental requirements

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

ETIM 8.0	EC000901
ETIM 7.0	EC000901
PU (SPU)	20 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143940498
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Optional accessories

Mounting

Mounting accessories



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

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

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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

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
	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

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

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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



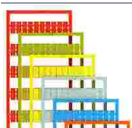
Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange www.wago.com/793-501/000-012



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



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

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



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



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

Voltage tap

Power tap



Item no.: 883-3530

Power tap; 6,00 mm²; beige www.wago.com/883-3530

Jumpers

Jumper



Item no.: 883-3542

Jumper; 2-way; insulated; yellow www.wago.com/883-3542

Protective warning marker

Cover



Item no.: 883-3586

Protective warning marker; with high-voltage symbol; yellow www.wago.com/883-3586



Item no.: 883-3588

Protective warning marker; with high-voltage symbol; white www.wago.com/883-3588

Carrier rail

Mounting accessories

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

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	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

Downloads

Documentation

Bid Text

883-3507 X81 - Datei	xml 4.7 kB	Download
883-3507 docx - Datei	docx 14.1 kB	Download

Additional Information

Technical Section Technical explanations	pdf 2.2 MB	Download
Aluminum Conductors Terminating Aluminum Conductors	pdf 85.1 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 883-3507	URL	Download
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Subject to changes. Please also observe the further product documentation!

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 883-3507

URL

Download

2-conductor ground terminal block; 35 mm²; SCREW CLAMP CONNECTION; 35,00 mm²; green-yellow

Installation Notes

Installation



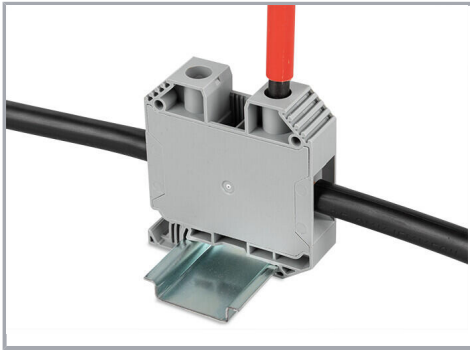
Mounting and Removing Ground Terminal Blocks

Mounting is performed by simply snapping the terminal block onto the DIN-rail. The fixed snap-in foot is put on first. The DIN-rail is contacted via the ground foot.

Removal is performed by pushing back the movable snap-in foot and simultaneously tilting it off the rail.

Conductor termination

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



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 slotted screwdriver, the conductor is indirectly pressed against the current bar via the clamping bracket.

Commoning



Commoning

The 2-way jumper is inserted into one of the two center jumper slots. The dual jumper slot allows an unlimited, multiple potential distribution. The jumpers are designed for the rated current of the screw terminal block.



Commoning

The jumper can be removed from the jumper slot using an operating tool or a slotted screwdriver via the slots recessed in the housing.

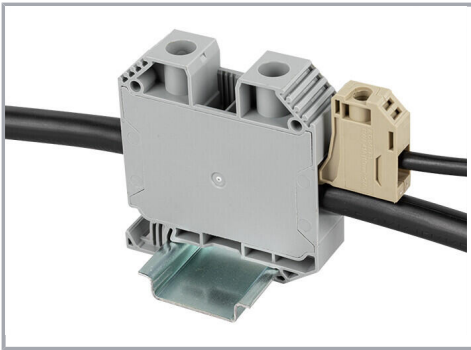
Subject to changes. Please also observe the further product documentation!



Protective Warning Marker

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

Power tap



Power Tap

The power tap is inserted into 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!



Protective Warning Marker

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

Testing

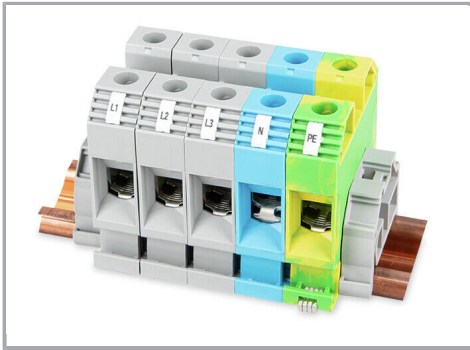


Testing

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

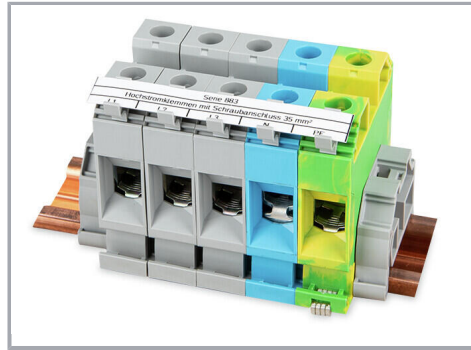
Marking

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



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.



Marking

The 2009-198 Marker Carrier allows marking strips to be used.

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