

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



Color:

Data
Electrical data

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.

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-2
-------------	------------------

Ratings per UL

Approvals per	UL 1059
---------------	---------

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

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



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

Mechanical Data

Tightening torque	3.2 ... 3.7 Nm
Mounting type	DIN-35 rail 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
----------------------------------	-----------------

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
------------------------	-------------------------

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



Optional accessories

Jumpers

Item no.: 883-3542	www.wago.com/883-3542
Jumper; 2-way; insulated; yellow	

Marking accessories

Item no.: 2009-115/000-002	www.wago.com/2009-115/000-002
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	
Item no.: 2009-115/000-007	www.wago.com/2009-115/000-007
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	
Item no.: 2009-115/000-017	www.wago.com/2009-115/000-017
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	
Item no.: 2009-115/000-023	www.wago.com/2009-115/000-023
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	
Item no.: 2009-115/000-024	www.wago.com/2009-115/000-024
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	
Item no.: 2009-115	www.wago.com/2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	
Item no.: 793-5501/000-007	www.wago.com/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	
Item no.: 793-5501/000-012	www.wago.com/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	
Item no.: 793-5501/000-014	www.wago.com/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	
Item no.: 793-5501/000-017	www.wago.com/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	
Item no.: 793-5501/000-023	www.wago.com/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	

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



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
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	www.wago.com/793-5501

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



type; white

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

Item no.: 2009-115/000-006 www.wago.com/2009-115/000-006
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item no.: 2009-115/000-005 www.wago.com/2009-115/000-005
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

Carrier rail

Mounting accessories

Item no.: 210-197 www.wago.com/210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

Item no.: 210-198 www.wago.com/210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

Item no.: 210-506 www.wago.com/210-506
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

Item no.: 210-508 www.wago.com/210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

Item no.: 210-118 www.wago.com/210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item no.: 210-114 www.wago.com/210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Voltage tap

Power tap

Item no.: 883-3530 www.wago.com/883-3530
Power tap; 6,00 mm²; beige

Mounting

Mounting accessories

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

Item no.: 249-197 www.wago.com/249-197
Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

Protective warning marker

Cover

Item no.: 883-3586 www.wago.com/883-3586
Protective warning marker; with high-voltage symbol; yellow

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



Item no.: 883-3588

Protective warning marker; with high-voltage symbol; white

www.wago.com/883-3588

Downloads

Documentation

Bid Text

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

883-3507 docx - Datei	docx 14.1 kB	Download
--------------------------	-----------------	----------

Additional Information

	pdf 2.3 MB	Download
--	---------------	----------

Aluminum Conductors Terminating Aluminum Conductors	pdf 85.1 kB	Download
--	----------------	----------

CAD/CAE-Data

CAD data

2D/3D Models 883-3507	URL	Download
-----------------------	-----	----------

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 883-3507 2-conductor ground terminal block; 35 mm ² ; SCREW CLAMP CONNECTION; 35,00 mm ² ; green-yellow	URL	Download
---	-----	----------

Installation Notes

Installation

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.



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



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

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



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.



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

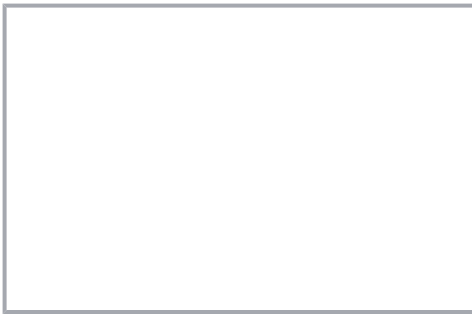
Subject to changes. Please also observe the further product documentation!



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



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

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



Testing

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

Marking



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!