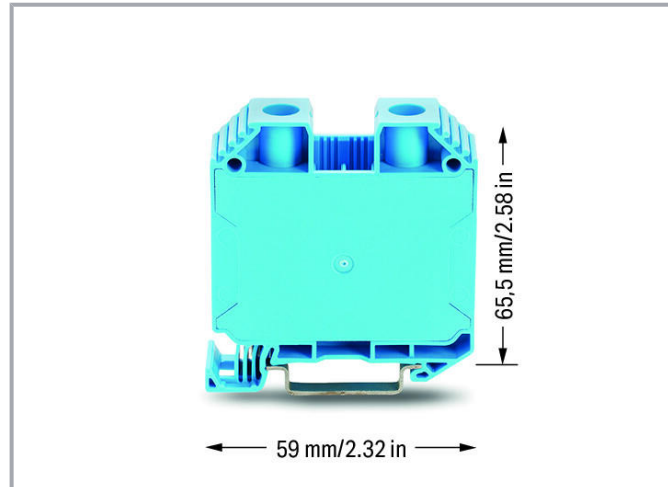
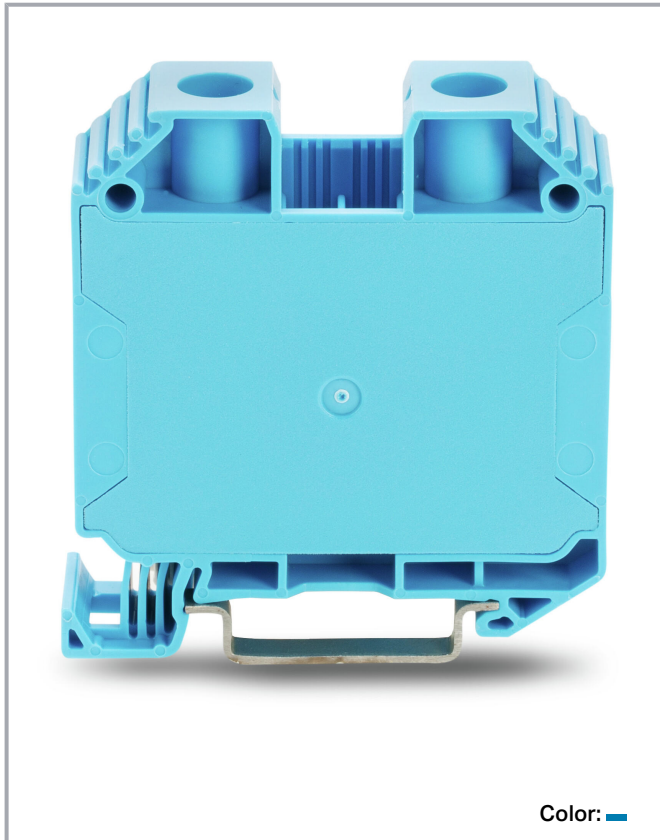


Data sheet | Item number: 883-3504

2-conductor through terminal block; 35 mm²; with screw-type connection;
35,00 mm²; blue

www.wago.com/883-3504



Data

Electrical data

IEC Approvals

Ratings per	IEC/EN 60947-7-1
Rated voltage (III / 3)	1000 V
Rated surge voltage (III/3)	8 kV
Rated current	125 A
Rated current 2	150 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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

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UL Approvals

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	150 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	150 A

CSA Approvals

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	150 A

Connection data

Connection technology	Screw-type connection
Actuation type	Operating tool
Connectable conductor materials	Copper
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 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Wiring direction	Side-entry wiring
Number of jumper slots	2
Screw thread	M6

Physical data

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

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**Mechanical data**

Tightening torque	3.2 ... 3.7 Nm
Design	horizontal type
Mounting type	DIN-rail 35 x 7.5
Marking level	Side marking

Material data

Color	blue
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	58 g

Environmental requirements

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

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143940658
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

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

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	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
	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

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	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 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

Carrier rail

	Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	www.wago.com/210-112
	Item no.: 210-113	

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	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-113
	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
	Item no.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored	www.wago.com/210-115
	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.: 210-197 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.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored	www.wago.com/210-504
	Item no.: 210-505 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored	www.wago.com/210-505
	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
Potential distribution		
	Item no.: 883-3530 Power tap; 6,00 mm ² ; beige	www.wago.com/883-3530
Jumpers		
	Item no.: 883-3542 Jumper; 2-way; insulated; yellow	www.wago.com/883-3542
Protective warning marker		
	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

Downloads

Documentation

Bid Text

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Technical explanations	Apr 3, 2019		pdf	Download
			2.2 MB	

CAD files**CAE data**

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CAD data

2D/3D Models 883-3504			URL	Download
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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 883-3504			URL	Download
2-conductor through terminal block; 35 mm ² ; with screw-type connection; 35,00 mm ² ; blue				

Installation Notes**Installation**

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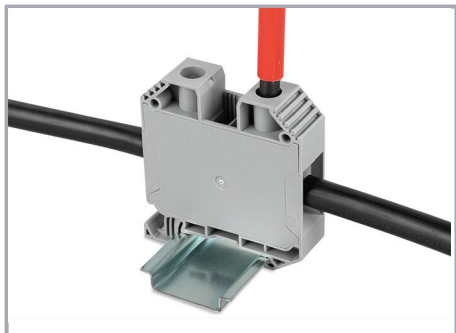


Mounting and removing through terminal blocks

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

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!

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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

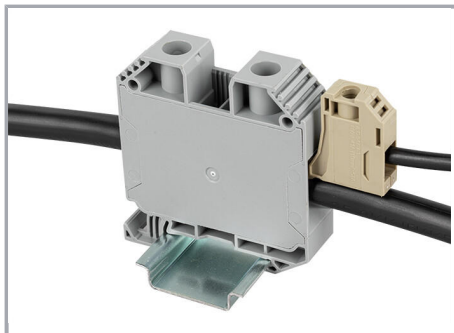
The jumper can be removed from the jumper slot using an operating tool or a slotted screwdriver via the slots recessed in the housing.



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



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

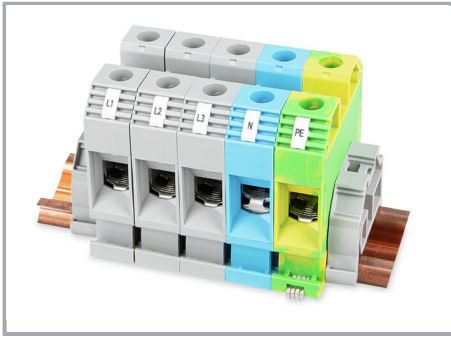
Voltage measurements can be performed via the screw heads in the actuation slot (e. g., via 2-pole 206-707 Voltage Tester).

Marking

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

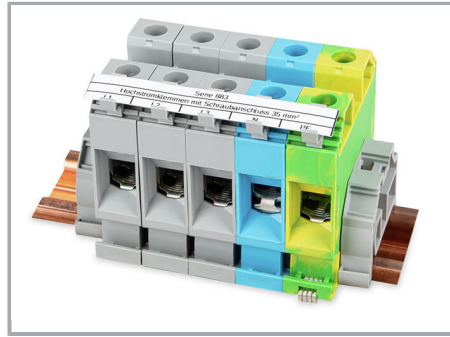
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Marking

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

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