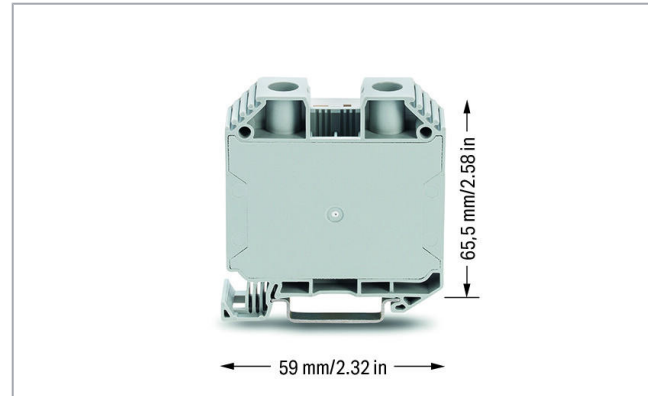
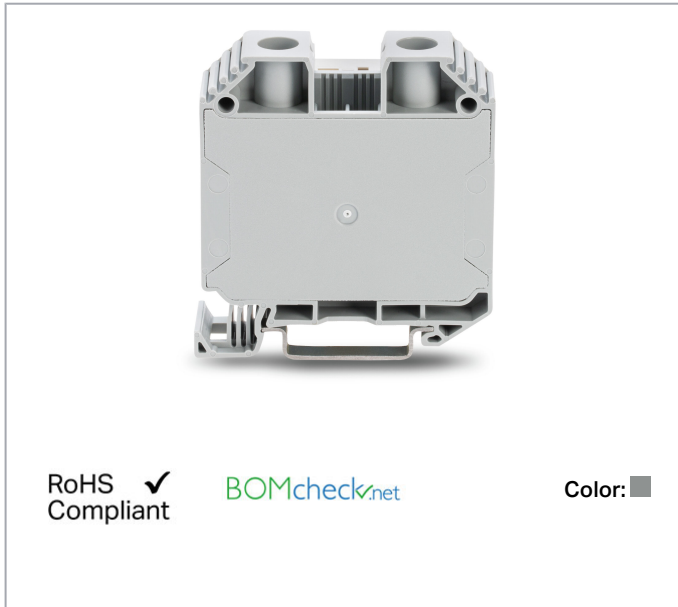


## Data sheet | Item number: 883-3501

2-conductor through terminal block; 35 mm<sup>2</sup>; with screw-type connection;  
35,00 mm<sup>2</sup>; gray

[www.wago.com/883-3501](http://www.wago.com/883-3501)



### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal 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

#### Ratings per UL

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

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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Ratings per CSA

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	Slot screwdriver; (6.5 x 1.2) mm blade
Connectable conductor materials	Copper
Nominal cross-section	35 mm <sup>2</sup>
Solid conductor	1.5 ... 50 mm <sup>2</sup> / 16 ... 1/0 AWG
Stranded conductor	1.5 ... 50 mm <sup>2</sup> / 16 ... 1/0 AWG
Fine-stranded conductor	1.5 ... 50 mm <sup>2</sup> / 16 ... 1/0 AWG
Fine-stranded conductor; with insulated ferrule	1.5 ... 35 mm <sup>2</sup> / 16 ... 2 AWG
Note (conductor cross-section)	Connecting 50 mm <sup>2</sup> 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 type	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

## 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	gray
-------	------

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

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	4055143940597
Customs tariff number	85369010000

### Compatible products















#### Protective Warning Marker

	<b>Item no.: 883-3586</b> Protective warning marker; with high-voltage symbol; yellow	<a href="http://www.wago.com/883-3586">www.wago.com/883-3586</a>
	<b>Item no.: 883-3588</b> Protective warning marker; with high-voltage symbol; white	<a href="http://www.wago.com/883-3588">www.wago.com/883-3588</a>

#### Carrier rail

	<b>Item no.: 210-112</b> 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	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
	<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Item no.: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-114">www.wago.com/210-114</a>
	<b>Item no.: 210-115</b> 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	<a href="http://www.wago.com/210-115">www.wago.com/210-115</a>
	<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
	<b>Item no.: 210-197</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-197">www.wago.com/210-197</a>
	<b>Item no.: 210-198</b> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="http://www.wago.com/210-198">www.wago.com/210-198</a>
	<b>Item no.: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>

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

	colored	
	<b>Item no.: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>
	<b>Item no.: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
	<b>Item no.: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>
<b>Marking accessories</b>		
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Item no.: 2009-115/000-005</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-115/000-005">www.wago.com/2009-115/000-005</a>
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
	<b>Item no.: 2009-115/000-012</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a>
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
	<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>

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



**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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/793-5501/000-007)

**Item no.: 793-5501/000-012**

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; orange

[www.wago.com/793-5501/000-012](http://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](http://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](http://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](http://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](http://www.wago.com/793-5501/000-024)

**Jumper**



**Item no.: 883-3542**

Jumper; 2-way; insulated; yellow

[www.wago.com/883-3542](http://www.wago.com/883-3542)

**assembling**



**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](http://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](http://www.wago.com/249-197)

**potential distribution**



**Item no.: 883-3530**

Power tap; 6,00 mm<sup>2</sup>; beige

[www.wago.com/883-3530](http://www.wago.com/883-3530)

**Downloads**

**Documentation**

**Bid Text**

883-3501	xml	Download
X81 - Datei	5.6 kB	

883-3501	docx	Download
docx - Datei	14.3 kB	

**Additional Information**

Technical explanations	3. 4. 2019	pdf	Download
		2.2 MB	

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

## CAD/CAE-Data

### CAD data

2D/3D Models 883-3501	<a href="#">URL</a>	<a href="#">Download</a>
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### CAE data

ZUKEN Portal 883-3501	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 883-3501 2-conductor through terminal block; 35 mm <sup>2</sup> ; with screw-type connection; 35,00 mm <sup>2</sup> ; gray	<a href="#">URL</a>	<a href="#">Download</a>
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## Installation Notes

### Installation



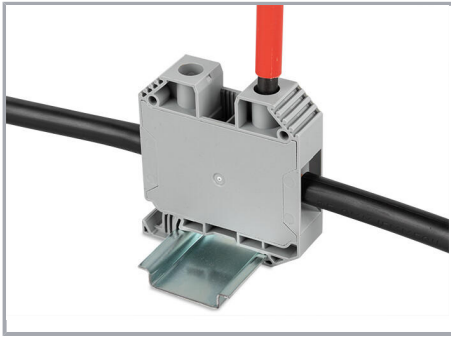
### Mounting and removing through terminal blocks

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

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



### Conductor termination and clamping point actuation

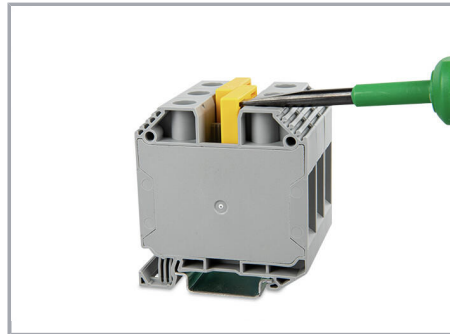
The stripped conductor is inserted into the clamping unit until it hits the backstop. By turning the screw to the right with a slotted screwdriver, the conductor is indirectly pressed against the current bar via the clamping bracket.

### 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.



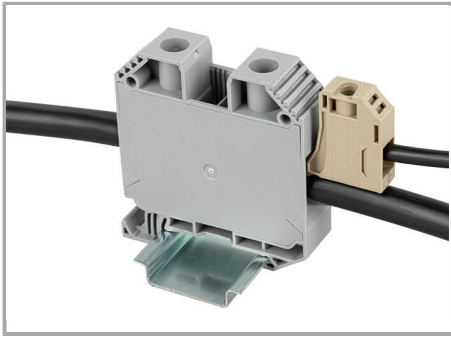
#### Protective warning marker

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

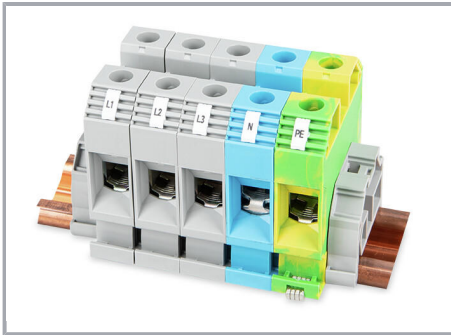
Subject to changes. Please also observe the further product documentation!



### Testing

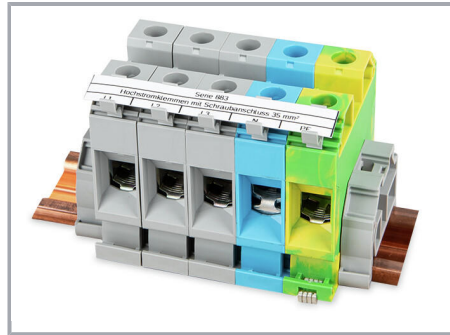
Voltage measurements can be performed via the screw heads in the actuation slot (e. g., via 2-pole 206-707 Voltage Tester).

### 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. 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.

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