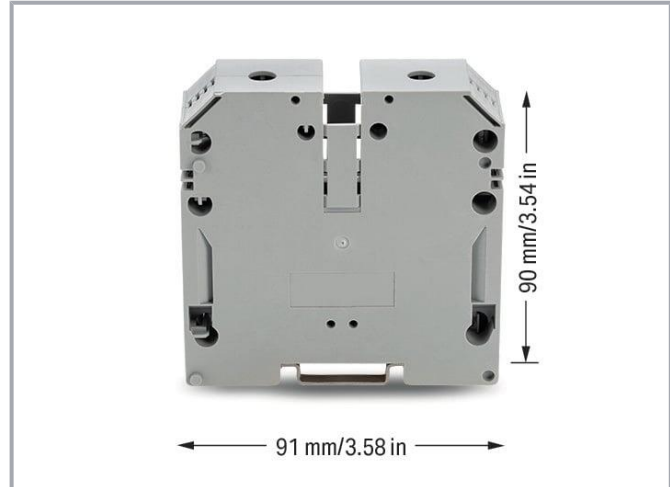


Data sheet | Item number: 883-1201

2-conductor through terminal block; 120 mm²; with screw-type connection;
120,00 mm²; gray

www.wago.com/883-1201



Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	1000 V
Rated impulse voltage (III/3)	8 kV
Rated current	269 A
Current at conductor cross-section (max.) mm ²	290 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL 1059

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

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

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Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	228 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	228 A
Rated voltage UL (Use Group D)	600 V
Rated current UL (Use Group D)	228 A

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	228 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	228 A
Rated voltage CSA (Use Group D)	600 V
Rated current CSA (Use Group D)	228 A

Power loss

Power loss, per pole (potential)	8.683 W
Rated current I_N for specified power loss	269 A
Resistance value for specified, current-dependent power loss	0 Ω

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	T-wrench; 6 mm
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

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



in the WAGO Webshop under "Downloads – Documentation – Additional Information: Terminating Aluminum Conductors."

Nominal cross-section	120 mm ²
Solid conductor	16 ... 150 mm ² / 6 AWG ... 300 kcmil
Stranded conductor	16 ... 150 mm ² / 6 AWG ... 300 kcmil
Fine-stranded conductor	16 ... 120 mm ² / 6 AWG ... 250 kcmil
Fine-stranded conductor; with insulated ferrule	16 ... 95 mm ² / 6 ... 3/0 AWG
Strip length	27 mm / 1.06 inches
Wiring direction	Side-entry wiring
Screw thread	M10

Physical data

Width	27 mm / 1.063 inches
Height	91 mm / 3.583 inches
Depth from upper-edge of DIN-rail	90 mm / 3.543 inches

Mechanical Data

Tightening torque	12 ... 20 Nm
Mounting type	DIN-rail 35 x 7.5
Marking level	Side marking

Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	280.7 g

Environmental requirements

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

Commercial data

ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	5 pcs

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



Packaging type	box
Country of origin	DE
GTIN	4055143940276
Customs tariff number	85369010000

Environmental Product Compliance


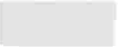
RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

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
	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

Protective warning marker

Cover		
	Item no.: 883-1286 Protective warning marker; with high-voltage symbol; yellow	www.wago.com/883-1286
	Item no.: 883-1288 Protective warning marker; with high-voltage symbol; white	www.wago.com/883-1288

Carrier rail

Mounting accessories		
	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

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



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.: 210-113

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.: 210-118

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.: 210-112

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.: 210-114

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

Tool

Operating tool



Item no.: 855-8000

Allen wrench; with a partially insulated shaft

www.wago.com/855-8000

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

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

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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

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

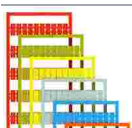
www.wago.com/793-501/000-002



Item no.: 793-501/000-007

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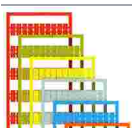
www.wago.com/793-501/000-007



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

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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.: 793-501/000-006
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 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

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

Voltage tap

Power tap



Item no.: 883-1230
Power tap; 10,00 mm²; beige

www.wago.com/883-1230

Connector

Insertion plate



Item no.: 883-1299
Insertion plate for flat cables; for 883 Series; 120 mm²; silver-colored

www.wago.com/883-1299

Jumpers

Jumper



Item no.: 883-1242
Jumper; 2-way; unplated; silver-colored

www.wago.com/883-1242



Item no.: 883-1243
Jumper; 3-way; unplated; silver-colored

www.wago.com/883-1243



Item no.: 883-1244
Jumper; 4-way; unplated; silver-colored

www.wago.com/883-1244

Downloads

Documentation

Bid Text

883-1201 docx - Datei	docx 14.6 kB	Download
883-1201 X81 - Datei	xml 5.8 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

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

2D/3D Models 883-1201

[URL](#)

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CAE data

ZUKEN Portal 883-1201

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 883-1201

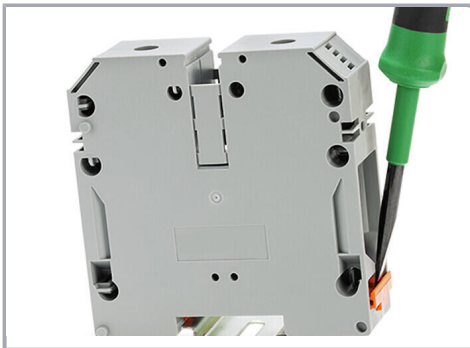
[URL](#)

[Download](#)

2-conductor through terminal block; 120 mm²; with screw-type connection; 120,00 mm²; gray

Installation Notes

Installation



Mounting and Removing Through Terminal Blocks

Mounting is performed by simply snapping the terminal block onto the DIN-rail. The pins in the housing increase mechanical stability in the terminal block assembly when the rail-mount terminal blocks are pushed together.

Removal is performed by pushing back one of the locking elements on both sides and simultaneously tilting it off the DIN-rail.

Conductor termination

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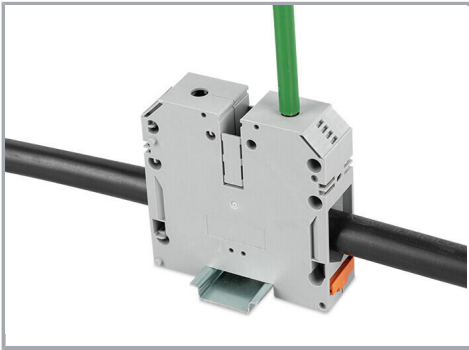
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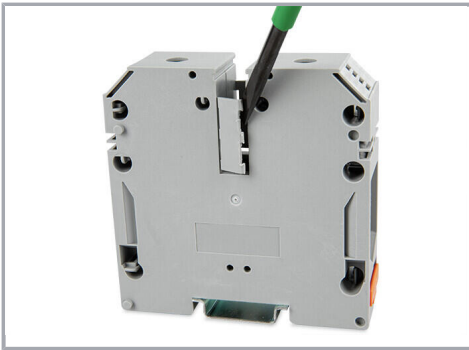
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Conductor Termination and Clamping Point Actuation

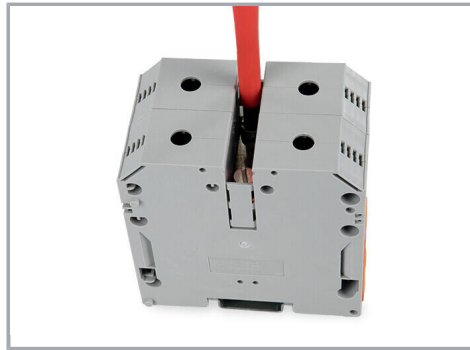
The stripped conductor is inserted into the clamping unit until it hits the backstop. By turning the screw to the right with a 6 mm T-wrench, the conductor is indirectly pressed against the current bar via the clamping bracket.

Commoning



Commoning

Step 1: Remove the inner partitions at the defined break points (a cutting tool may be required to cut off the partitions).

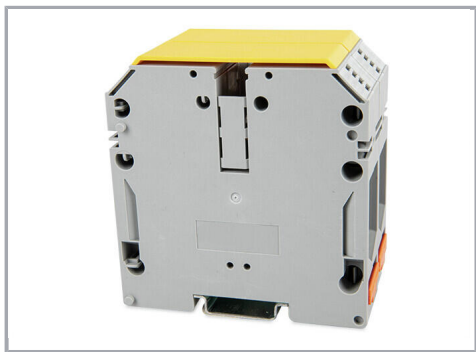


Commoning

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.

Cover

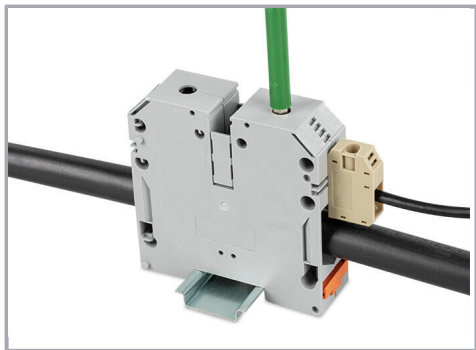
Subject to changes. Please also observe the further product documentation!



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.

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.

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.

Testing

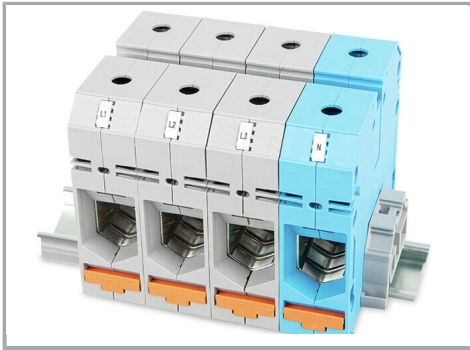


Testing

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

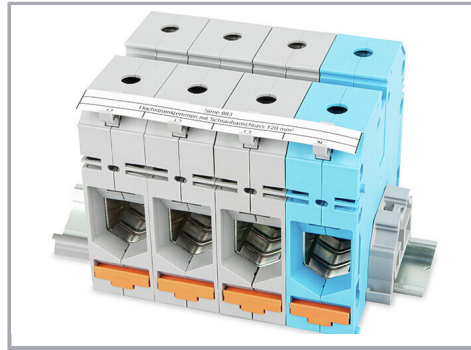
Marking

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!