

Data sheet | Item number: 884-1200

Stud terminal block; 120 mm²; with 2 stud bolts M10; 120,00 mm²; beige

www.wago.com/884-1200



Data

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	1000 V
Rated impulse voltage (III/3)	8 kV
Rated current	269 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	1000 V
Rated current UL (Use Group B)	225 A
Rated current UL (Use Group B), factory wiring only	310 A
Rated voltage UL (Use Group C)	1000 V
Rated current UL (Use Group C)	225 A
Rated current UL (Use Group C), factory wiring only	310 A

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

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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
Connection position	top

Connection 1

Connection technology	Bolt-type connection
Actuation type	Open-end, ring, socket wrench; 17 mm
Connectable conductor materials	Copper
Nominal cross-section	120 mm ²
Clamping range	6 ... 120 mm ² / 10 AWG ... 250 kcmil
Type of cable lugs per DIN 46234	Cable lugs for solder-free connections Ring type, without insulating sleeve, for copper conductors
DIN 46234: 1 cable lug per side	6 ... 150 mm ²
DIN 46234: 2 cable lugs per side	6 ... 120 mm ²
Type of cable lugs per DIN 46235	Cable lugs for compression connections Cover plate type for copper conductors
DIN 46235: 1 cable lug per side	16 ... 150 mm ²
DIN 46235: 2 cable lugs per side	16 ... 120 mm ²
Thread size	M10

Physical data

Width	42 mm / 1.654 inches
Height	133 mm / 5.236 inches
Depth from upper-edge of DIN-rail	72 mm / 2.835 inches

Mechanical Data

Tightening torque	10 ... 20 Nm
Mounting type	DIN-35 rail Panel mounting

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

Material Data

Note (material data)

Information on material specifications can be found here

Color	beige
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	230 g

Environmental requirements

Continuous operating temperature	-40 ... +120 °C
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Commercial data




ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	5 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143941815
Customs tariff number	85369095000

Environmental Product Compliance












RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

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

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	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 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

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



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 type; white

www.wago.com/793-5501

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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.: 2009-115/000-005 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










Jumpers

Jumper

	Item no.: 884-1242 Jumper; for M10 stud bolts; 2-way; unplated; silver-colored	www.wago.com/884-1242
	Item no.: 884-1243 Jumper; for M10 stud bolts; 3-way; unplated; silver-colored	www.wago.com/884-1243

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
	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

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

**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**Mounting**

Cover

**Item no.: 884-1280**

Cover; for stud terminal block; 120 mm²; beige

www.wago.com/884-1280**Item no.: 884-1284**

Cover; for stud terminal block; 120 mm²; blue

www.wago.com/884-1284**Item no.: 884-1286**

Cover; for stud terminal block; 120 mm²; yellow

www.wago.com/884-1286

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**Downloads****Documentation**

Additional Information

Technical Section	pdf	Download
Technical explanations	2.2 MB	

CAD/CAE-Data

CAD data

2D/3D Models 884-1200	URL	Download
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CAE data

ZUKEN Portal 884-1200	URL	Download
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EPLAN Data Portal 884-1200	URL	Download
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Environmental Product Compliance

Compliance Search

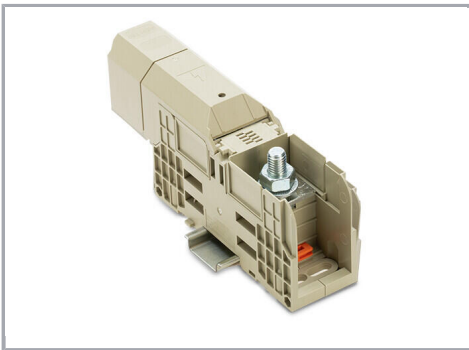
Environmental Product Compliance 884-1200

[URL](#)

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Stud terminal block; 120 mm²; with 2 stud bolts M10; 120,00 mm²; beige

Installation Notes



Conductor termination



Connecting Two Cable Lugs to a Stud

Up to two cable lugs can be connected to one stud. For this purpose, the cable lugs are placed back-to-back on the stud.

Then the hex flange nut is tightened with the required torque so that the lugs of the cable press against each other and make secure contact with the current bar.

Commoning

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

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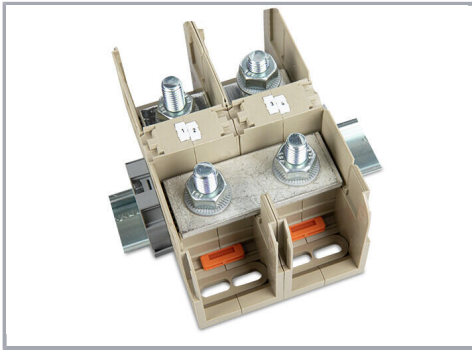
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Commoning

Step 1: Remove the inner partitions next to the studs.

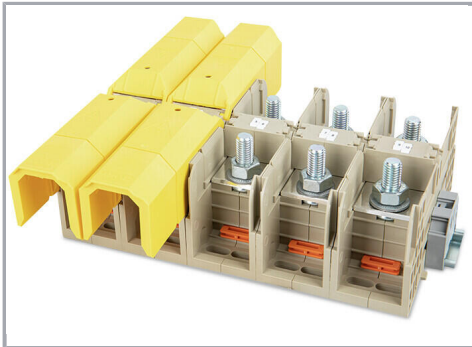
Step 2: Place the 2- or 3-way jumper on the studs to be connected.

Step 3: Tighten the hex flange nuts to the required torque.

Notice: The jumpers are positioned under the ring cable lug to be connected.

The jumpers are designed for the rated current of the respective stud terminal block.

Cover



Cover:

The covers are snapped from the top into the provided locking mechanism of the stud terminal block. The covers can be shortened with a cutting tool. The covers can be mounted on one or both sides and ensure reliable protection against contact.

Testing

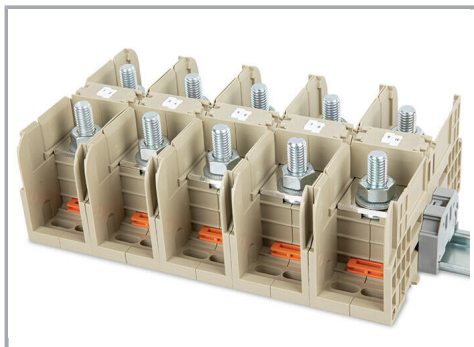
Subject to changes. Please also observe the further product documentation!



Testing

Voltage measurements can be performed directly on the studs. Thanks to the provided test slots, voltage measurements are also possible with mounted warning covers.

Marking



Marking

The stud 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!