

Data sheet | Item number: 884-3500

Stud terminal block; 35 mm²; with 2 stud bolts M6; 35,00 mm²; beige

www.wago.com/884-3500



Color:

Data

Electrical data

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

WAGO GmbH & Co. KG
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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

Nominal voltage (III/3)	1000 V
Rated impulse voltage (III/3)	8 kV
Rated current	125 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	1000 V
Rated current UL (Use Group B)	130 A
Rated voltage UL (Use Group C)	1000 V
Rated current UL (Use Group C)	130 A
Rated voltage UL (Use Group D)	1000 V
Rated current UL (Use Group D)	130 A
Rated voltage UL (Use Group E)	1,000 V
Rated current UL (Use Group E)	130 A

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	1000 V
Rated current CSA (Use Group B)	130 A
Rated voltage CSA (Use Group C)	1000 V
Rated current CSA (Use Group C)	130 A
Rated voltage CSA (Use Group D)	1000 V
Rated current CSA (Use Group D)	130 A

Power Loss

Power loss, per pole (potential)	4.062 W
Rated current I_N for specified power loss	125 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

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Connection position	top
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Connection 1

Connection technology	Bolt-type connection
Actuation type	Open-end, ring, socket wrench; 10 mm
Connectable conductor materials	Copper
Nominal cross-section	35 mm ²
Clamping range	2.5 ... 50 mm ² / 14 ... 1/0 AWG
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	2.5 ... 50 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	6 ... 25 mm ²
Thread size	M6

Physical data

Width	27 mm / 1.063 inches
Height	107 mm / 4.213 inches
Depth from upper-edge of DIN-rail	51 mm / 2.008 inches

Mechanical Data

Tightening torque	3 ... 6 Nm
Mounting type	DIN-35 rail Panel mounting

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	80.7 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)	10 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143941761
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
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

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



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

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

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; 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

Mounting

Cover

Item no.: 884-3580
Cover; for stud terminal block; 35 mm²; beige www.wago.com/884-3580

Item no.: 884-3584
Cover; for stud terminal block; 35 mm²; blue www.wago.com/884-3584

Item no.: 884-3586
Cover; for stud terminal block; 35 mm²; yellow www.wago.com/884-3586

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

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- www.wago.com/210-198

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



colored

Item no.: 210-504Steel 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**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**Jumpers**

Jumper

Item no.: 884-3542Jumper; for M6 stud bolts; 2-way; unplated; silver-colored www.wago.com/884-3542**Item no.: 884-3543**Jumper; for M6 stud bolts; 3-way; unplated; silver-colored www.wago.com/884-3543**Downloads****Documentation****Additional Information**pdf [Download](#)
2.3 MB**CAD/CAE-Data****CAD data**

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2D/3D Models 884-3500

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CAE data

ZUKEN Portal 884-3500

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Environmental Product Compliance

Compliance Search

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Stud terminal block; 35 mm²; with 2 stud bolts M6; 35,00 mm²; beige

Installation Notes



Conductor termination

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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



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

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



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



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

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



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!