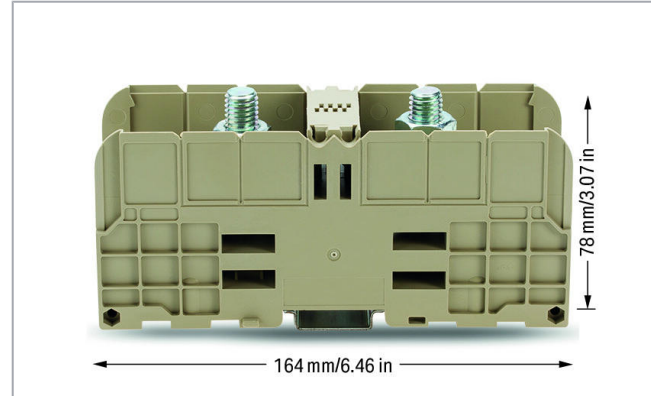


Data sheet | Item number: 884-1800

Stud terminal block; 185 mm²; with 2 stud bolts M12; 185,00 mm²; beige

www.wago.com/884-1800



Data

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	1000 V
Rated surge voltage (III/3)	8 kV
Rated current	353 A
Legend (ratings)	(III / 3) ≙ 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)	380 A
Rated voltage UL (Use Group C)	1000 V
Rated current UL (Use Group C)	380 A

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

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Ratings per CSA

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group B)	1000 V
Rated current CSA (Use Group B)	380 A
Rated voltage CSA (Use Group C)	1000 V
Rated current CSA (Use Group C)	380 A

Connection data

Connection technology	Bolt-type connection
Actuation type	Open-end, ring, socket wrench; 19 mm
Connectable conductor materials	Copper
Nominal cross-section	185 mm ²
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Connection position	top
Clamping range	10 ... 185 mm ² / 8 AWG ... 500 kcmil
Type of cable lugs according to DIN 46234	Cable lugs for solder-free connections Ring type, without insulating sleeve, for copper conductors
DIN46234: 1 cable lug per side	10 ... 240 mm ²
DIN 46234: 2 cable lugs per side	10 ... 185 mm ²
Type of cable lugs according to DIN 46235	Cable lugs for compression connections Cover plate type for copper conductors
DIN46235: 1 cable lug per side	25 ... 240 mm ²
DIN 46235: 2 cable lugs per side	25 ... 185 mm ²
Bolt thread	M12

Physical data

Width	55 mm / 2.165 inch
Height	164 mm / 6.457 inch

Mechanical data

Tightening torque	14 ... 31 Nm
Mounting type	DIN-35 rail Panel mounting

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

Material data

Color	beige
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	390 g

Environmental requirements








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















Packaging type	BOX
Country of origin	DE
GTIN	4055143941747
Customs tariff number	85369095000

Compatible products

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
	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

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

	<p>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</p>	<p>www.wago.com/2009-115/000-023</p>
	<p>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</p>	<p>www.wago.com/2009-115/000-024</p>
	<p>Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white</p>	<p>www.wago.com/793-501</p>
	<p>Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type; yellow</p>	<p>www.wago.com/793-501/000-002</p>
	<p>Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red</p>	<p>www.wago.com/793-501/000-005</p>
	<p>Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue</p>	<p>www.wago.com/793-501/000-006</p>
	<p>Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray</p>	<p>www.wago.com/793-501/000-007</p>
	<p>Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange</p>	<p>www.wago.com/793-501/000-012</p>
	<p>Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green</p>	<p>www.wago.com/793-501/000-017</p>
	<p>Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type; green</p>	<p>www.wago.com/793-501/000-023</p>
	<p>Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type; violet</p>	<p>www.wago.com/793-501/000-024</p>
	<p>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</p>	<p>www.wago.com/793-5501</p>
	<p>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</p>	<p>www.wago.com/793-5501/000-002</p>
	<p>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</p>	<p>www.wago.com/793-5501/000-005</p>

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



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

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-

www.wago.com/210-504

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

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








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	colored		
	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
Jumper			
	Item no.: 884-1842 Jumper; for M12 stud bolts; 2-way; unplated; white		www.wago.com/884-1842
	Item no.: 884-1843 Jumper; for M12 stud bolts; 3-way; unplated; white		www.wago.com/884-1843
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
	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
	Item no.: 884-3080 Cover; for stud terminal block; 185 and 300 mm ² ; beige		www.wago.com/884-3080
	Item no.: 884-3084 Cover; for stud terminal block; 185 and 300 mm ² ; blue		www.wago.com/884-3084
	Item no.: 884-3086 Cover; for stud terminal block; 185 and 300 mm ² ; yellow		www.wago.com/884-3086

Downloads

Documentation

Additional Information

Technical explanations	3. 4. 2019	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 884-1800	URL	Download
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Subject to changes. Please also observe the further product documentation!

CAE data

ZUKEN Portal 884-1800

[URL](#)

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Environmental Product Compliance

Compliance Search

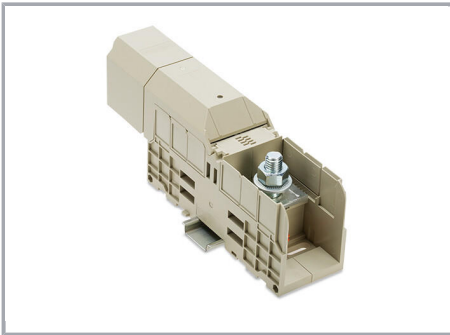
Environmental Product Compliance 884-1800

[URL](#)

[Download](#)

Stud terminal block; 185 mm²; with 2 stud bolts M12; 185,00 mm²; beige

Installation Notes



Conductor termination

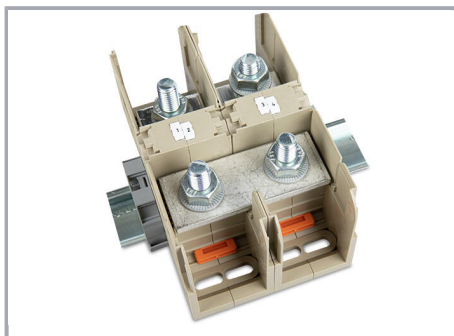
Subject to changes. Please also observe the further product documentation!



Anschluss von zwei Kabelschuhen an einen Gewindebolzen

Es ist möglich, bis zu zwei Kabelschuhe an einem Gewindebolzen anzuschließen. Dafür werden die Kabelschuhe mit den Rückseiten zueinander auf den Bolzen gesetzt. Anschließend wird die Sechskant-Kombimutter mit dem erforderlichen Drehmoment angezogen, sodass sich die Laschen der Kabelschuhe gegeneinanderpressen und sicher mit der Stromschiene kontaktiert werden.

Commoning



Brücken

Schritt 1: Die inneren Trennwände neben den Gewindebolzen entfernen.

Schritt 2: Den 2- oder 3-fach-Brücker auf die zu verbindenden Gewindebolzen auflegen.

Schritt 3: Die Sechskant-Kombimuttern mit dem erforderlichen Drehmoment anziehen.

Achtung: Die Brücker werden unter dem anzuschließenden Ringkabelschuh positioniert.

Die Brücker sind für den Bemessungsstrom der jeweiligen Bolzenklemme ausgelegt.

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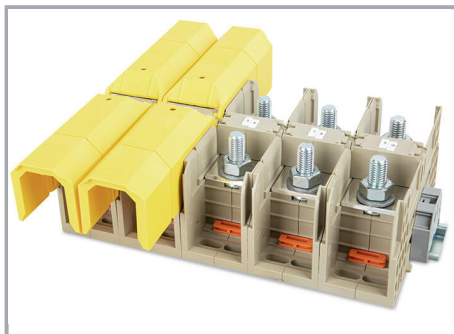
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Cover



Abdeckprofil:

Die Abdeckprofile werden in die vorgesehenen Rastelemente der Bolzenklemme von oben aufgerastet. Es besteht die Möglichkeit, die Abdeckprofile mit einem Schneidwerkzeug zu kürzen. Die Abdeckprofile lassen sich ein- oder beidseitig montieren und gewährleisten einen zuverlässigen Berührungsschutz.

Testing

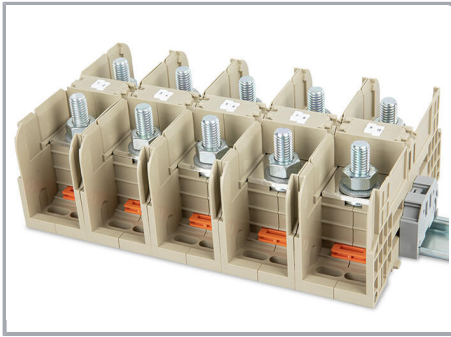


Prüfen

Spannungsmessungen lassen sich direkt an den Gewindebolzen durchführen. Durch die vorgesehenen Prüföffnungen werden Spannungsmessungen auch mit montierten Warnabdeckungen ermöglicht.

Marking

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



Beschriftung

Die Bolzenklemmen lassen sich schnell und einfach mit dem Beschriftungssystem WMB Inline beschriften. Die Schilder werden in die dafür vorgesehenen Aufnahmen eingesetzt. Beschriftungsstreifen werden mithilfe der Beschriftungsadapter (2009-198) eingesetzt.

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