

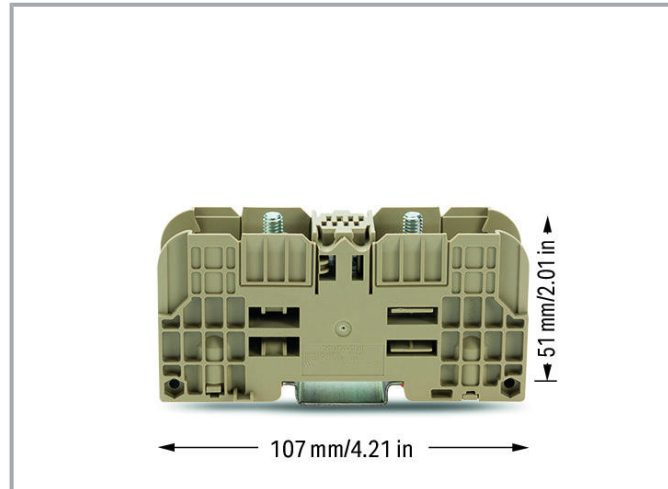
## Data sheet | Item number: 884-3500

Stud terminal block; 35 mm<sup>2</sup>; with 2 stud bolts M6; 35,00 mm<sup>2</sup>; beige

[www.wago.com/884-3500](http://www.wago.com/884-3500)



Color: 



### Data

#### Electrical data

#### IEC Approvals

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Rated voltage (III / 3)     | 1000 V                                                    |
| Rated surge voltage (III/3) | 8 kV                                                      |
| Rated current               | 125 A                                                     |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

#### UL Approvals

|                                |         |
|--------------------------------|---------|
| 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   |

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

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## CSA Approvals

|                                 |              |
|---------------------------------|--------------|
| Approvals per                   | C22.2 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        |

## Connection data

|                                           |                                                                                                    |
|-------------------------------------------|----------------------------------------------------------------------------------------------------|
| Connection technology                     | Bolt-type connection                                                                               |
| Actuation type                            | Open-end, ring, socket wrench                                                                      |
| Connectable conductor materials           | Copper                                                                                             |
| Nominal cross-section                     | 35 mm <sup>2</sup>                                                                                 |
| Total number of connection points         | 2                                                                                                  |
| Total number of potentials                | 1                                                                                                  |
| Number of levels                          | 1                                                                                                  |
| Connection position                       | top                                                                                                |
| Clamping range                            | 2.5 ... 50 mm <sup>2</sup> / 14 ... 1/0 AWG                                                        |
| 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            | 2.5 ... 50 mm <sup>2</sup>                                                                         |
| 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            | 6 ... 25 mm <sup>2</sup>                                                                           |
| Bolt thread                               | M6                                                                                                 |

## Physical data

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

## Mechanical data

|                   |                               |
|-------------------|-------------------------------|
| Tightening torque | 3 ... 6 Nm                    |
| Mounting type     | DIN-35 rail<br>Panel mounting |

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## Material data

|                             |                  |
|-----------------------------|------------------|
| Color                       | beige            |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Weight                      | 80.7 g           |

## Environmental requirements

|                                  |                 |
|----------------------------------|-----------------|
| Continuous operating temperature | -40 ... +120 °C |
|----------------------------------|-----------------|

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4055143941761 |
| Customs tariff number | 8536904000    |

## Optional accessories

### Jumpers

|                                                                                   |                                                                                         |                                                                  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>Item no.: 884-3542</b><br>Jumper; for M6 stud bolts; 2-way; unplated; silver-colored | <a href="http://www.wago.com/884-3542">www.wago.com/884-3542</a> |
|  | <b>Item no.: 884-3543</b><br>Jumper; for M6 stud bolts; 3-way; unplated; silver-colored | <a href="http://www.wago.com/884-3543">www.wago.com/884-3543</a> |

### Marking accessories

|                                                                                   |                                                                                                                                              |                                                                                  |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <b>Item no.: 2009-115</b><br>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><br>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><br>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><br>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><br>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> |

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|                                                                                   |                                                                                                                                                   |                                                                                  |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|    | <b>Item no.: 2009-115/000-012</b><br>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><br>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><br>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><br>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><br>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>                   |
|    | <b>Item no.: 793-501/000-002</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; yellow                                       | <a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>   |
|    | <b>Item no.: 793-501/000-005</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; red                                          | <a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>   |
|  | <b>Item no.: 793-501/000-006</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; blue                                         | <a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>   |
|  | <b>Item no.: 793-501/000-007</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; gray                                         | <a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>   |
|  | <b>Item no.: 793-501/000-012</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; orange                                       | <a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>   |
|  | <b>Item no.: 793-501/000-017</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; light green                                  | <a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>   |
|  | <b>Item no.: 793-501/000-023</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; green                                        | <a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>   |
|  | <b>Item no.: 793-501/000-024</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; violet                                       | <a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>   |
|  | <b>Item no.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white  | <a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>                 |

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|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|    | <b>Item no.: 793-5501/000-002</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow      | <a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a> |
|    | <b>Item no.: 793-5501/000-005</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red         | <a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a> |
|    | <b>Item no.: 793-5501/000-006</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue        | <a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a> |
|    | <b>Item no.: 793-5501/000-007</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray        | <a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a> |
|    | <b>Item no.: 793-5501/000-012</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange      | <a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a> |
|    | <b>Item no.: 793-5501/000-014</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown       | <a href="http://www.wago.com/793-5501/000-014">www.wago.com/793-5501/000-014</a> |
|    | <b>Item no.: 793-5501/000-017</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green       | <a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a> |
|  | <b>Item no.: 793-5501/000-023</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green | <a href="http://www.wago.com/793-5501/000-023">www.wago.com/793-5501/000-023</a> |
|  | <b>Item no.: 793-5501/000-024</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet      | <a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</a> |

#### Mounting

|                                                                                   |                                                                                                     |                                                                  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>Item no.: 249-117</b><br>Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray | <a href="http://www.wago.com/249-117">www.wago.com/249-117</a>   |
|  | <b>Item no.: 249-197</b><br>Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray | <a href="http://www.wago.com/249-197">www.wago.com/249-197</a>   |
|  | <b>Item no.: 884-3580</b><br>Cover; for stud terminal block; 35 mm <sup>2</sup> ; beige             | <a href="http://www.wago.com/884-3580">www.wago.com/884-3580</a> |
|  | <b>Item no.: 884-3584</b><br>Cover; for stud terminal block; 35 mm <sup>2</sup> ; blue              | <a href="http://www.wago.com/884-3584">www.wago.com/884-3584</a> |
|  | <b>Item no.: 884-3586</b><br>Cover; for stud terminal block; 35 mm <sup>2</sup> ; yellow            | <a href="http://www.wago.com/884-3586">www.wago.com/884-3586</a> |

#### Carrier rail

**Item no.: 210-112**

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|                                                                                   |                                                                                                                                                                                                                        |                                                                |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|    | Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; <a href="http://www.wago.com/210-112">www.wago.com/210-112</a><br>silver-colored                             |                                                                |
|    | <b>Item no.: 210-113</b><br>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><br>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><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; <a href="http://www.wago.com/210-115">www.wago.com/210-115</a><br>silver-colored |                                                                |
|    | <b>Item no.: 210-118</b><br>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><br>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><br>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><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored                                                                          | <a href="http://www.wago.com/210-504">www.wago.com/210-504</a> |
|    | <b>Item no.: 210-505</b><br>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><br>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><br>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> |

## Downloads

### Documentation

#### Additional Information

|                        |             |               |          |
|------------------------|-------------|---------------|----------|
| Technical explanations | Apr 3, 2019 | pdf<br>2.2 MB | Download |
|------------------------|-------------|---------------|----------|

## CAD files

### CAD data

|                       |     |          |
|-----------------------|-----|----------|
| 2D/3D Models 884-3500 | URL | Download |
|-----------------------|-----|----------|

### CAE data

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## Environmental Product Compliance

### Compliance Search

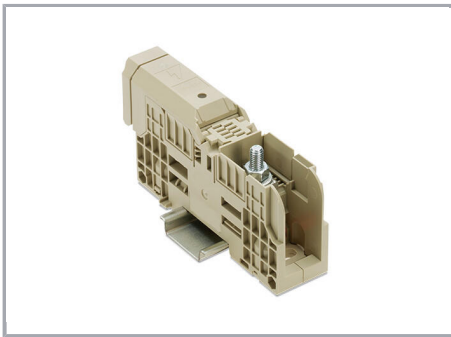
Environmental Product Compliance 884-3500

[URL](#)

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Stud terminal block; 35 mm<sup>2</sup>; with 2 stud bolts M6; 35,00 mm<sup>2</sup>; beige

## Installation Notes



### Conductor termination

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

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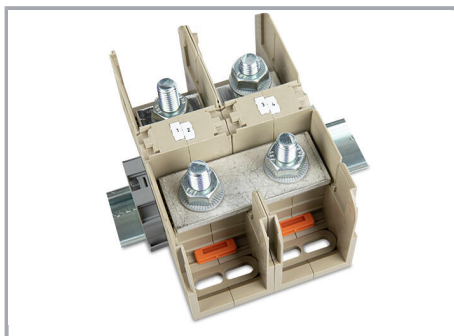
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#### Anschluss von zwei Kabelschuhen an einen Gewindebolzen

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



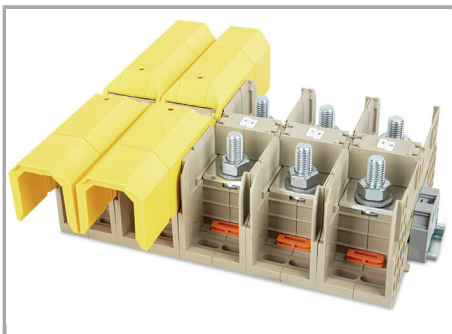
#### Brücken

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.

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



## 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

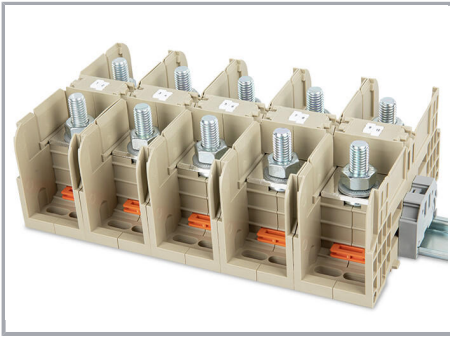
Spannungsmessungen lassen sich direkt an den Gewindebolzen durchführen. Durch die vorgesehenen Prüföffnungen werden Spannungsmessungen auch mit montierten Warnabdeckungen ermöglicht.

## Marking

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#### 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.

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