

**Data sheet | Item number: 264-111**

2-conductor terminal strip; without push-buttons; with fixing flanges; 11-pole; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/264-111](http://www.wago.com/264-111)



**Data**

**Electrical data**

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

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## Ratings per IEC/EN

|                               |   |
|-------------------------------|---|
| Nominal voltage (III/3)       | 800 V   |
| Rated impulse voltage (III/3) | 8 kV  |
| Rated current                 | 24 A  |
| Legend (ratings)              | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

## Connection data

|                            |    |
|----------------------------|----|
| Connection points          | 22 |
| Total number of potentials | 11 |
| Number of levels           | 1  |

## Connection 1

|                                 |  |
|---------------------------------|--|
| Connection technology           | CAGE CLAMP®                                  |
| Actuation type                  | Operating tool                               |
| Connectable conductor materials | Copper                                       |
| Solid conductor                 | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Note (conductor cross-section)  | 12 AWG: THHN, THWN                           |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches            |
| Pole number                     | 11   |
| Wiring direction                | Front-entry wiring                           |

## Physical data

|                         |                       |
|-------------------------|-----------------------|
| Width                   | 82 mm / 3.228 inches  |
| Height from the surface | 22.1 mm / 0.87 inches |
| Depth                   | 32 mm / 1.26 inches   |
| Module width            | 6 mm / 0.236 inches   |

## Mechanical Data

|               |                 |
|---------------|-----------------|
| Design        | horizontal type |
| Mounting type | Mounting flange |
| Marking level | Center marking  |

## Material Data

Note (material data)

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



Information on material specifications can be found here

|                             |                  |
|-----------------------------|------------------|
| Color                       | gray             |
| Material group              | I                |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.887 MJ         |
| Halogen-free                | Yes              |
| Weight                      | 44.4 g           |

### Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-14-11-06   |
| eCl@ss 9.0            | 27-14-11-06   |
| ETIM 8.0              | EC001284      |
| ETIM 7.0              | EC001284      |
| PU (SPU)              | 50 pcs        |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4044918425902 |
| Customs tariff number | 85369010000   |

### Environmental Product Compliance

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

### Approvals / Certificates

#### General approvals

| Logo | Approval                                    | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
|      | <b>CB</b><br>DEKRA Certification B.V.       | EN 60998                 | NL-49768         |
|      | <b>CCA</b><br>DEKRA Certification B.V.      | EN 60998                 | NTR NL-7342      |
|      | <b>CCA</b><br>DEKRA Certification B.V.      | EN 60998                 | 2175624.01       |
|      | <b>CSA</b><br>DEKRA Certification B.V.      | C22.2                    | 70010891         |
|      | <b>UR</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

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## Declarations of conformity and manufacturer's declarations

| Logo | Approval  | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |
|      | <b>UK-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

## Approvals for marine applications

| Logo | Approval  | Additional Approval Text | Certificate name         |
|------|---|--------------------------|--------------------------|
|      | <b>ABS</b><br>American Bureau of Shipping               | -                        | 19-<br>HG1869868-<br>PDA |
|      | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|      | <b>LR</b><br>Lloyds Register                            | IEC 60998                | LR22173030TA             |

## Optional accessories

## Testing and measuring

| Testing accessories      |  |  |
|--------------------------|--|--|
| <b>Item no.: 210-136</b> | Test plug; 2 mm Ø; with 500 mm cable; red  | <a href="http://www.wago.com/210-136">www.wago.com/210-136</a> |
| <b>Item no.: 249-136</b> | Test plug module; without locking device; modular; for 2-conductor terminal blocks; gray | <a href="http://www.wago.com/249-136">www.wago.com/249-136</a> |

## Tool

| Operating tool           |   |  |
|--------------------------|---|--|
| <b>Item no.: 209-130</b> | Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural | <a href="http://www.wago.com/209-130">www.wago.com/209-130</a> |
| <b>Item no.: 210-657</b> | Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured                           | <a href="http://www.wago.com/210-657">www.wago.com/210-657</a> |
| <b>Item no.: 210-658</b> | Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured                   | <a href="http://www.wago.com/210-658">www.wago.com/210-658</a> |
| <b>Item no.: 210-720</b> | Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured                                  | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |

## Mounting

| Cover carrier |
|---------------|
|               |

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

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**Item no.: 709-167**

Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

[www.wago.com/709-167](http://www.wago.com/709-167)

## Cover

**Item no.: 709-153**

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

[www.wago.com/709-153](http://www.wago.com/709-153)**Jumpers**

## Jumper

**Item no.: 281-492**

Jumper; 2-way; insulated; gray

[www.wago.com/281-492](http://www.wago.com/281-492)**Item no.: 264-402**

Jumper; for conductor entry; 2-way; insulated; gray

[www.wago.com/264-402](http://www.wago.com/264-402)**Marking accessories**

## Marker

**Item no.: 2009-145/000-006**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

[www.wago.com/2009-145/000-006](http://www.wago.com/2009-145/000-006)**Item no.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-145](http://www.wago.com/2009-145)**Item no.: 2009-145/000-002**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/2009-145/000-002](http://www.wago.com/2009-145/000-002)**Item no.: 2009-145/000-007**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[www.wago.com/2009-145/000-007](http://www.wago.com/2009-145/000-007)**Item no.: 2009-145/000-005**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

[www.wago.com/2009-145/000-005](http://www.wago.com/2009-145/000-005)**Item no.: 2009-145/000-012**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

[www.wago.com/2009-145/000-012](http://www.wago.com/2009-145/000-012)**Item no.: 2009-145/000-023**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

[www.wago.com/2009-145/000-023](http://www.wago.com/2009-145/000-023)**Item no.: 2009-145/000-024**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

[www.wago.com/2009-145/000-024](http://www.wago.com/2009-145/000-024)**Item no.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

[www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)

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

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|  |  |
|--|--|
| <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray                 | <a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a> |
| <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow               | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a> |
| <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange               | <a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a> |
| <b>Item no.: 248-501</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white                        | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                 |
| <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green          | <a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a> |
| <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red                  | <a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a> |
| <b>Item no.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet               | <a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a> |
| <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green                | <a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a> |
| <b>Ferrule</b>   |  |
| Ferrule  |  |
| <b>Item no.: 216-101</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-101">www.wago.com/216-101</a>                 |
| <b>Item no.: 216-104</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-104">www.wago.com/216-104</a>                 |
| <b>Item no.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-106">www.wago.com/216-106</a>                 |
| <b>Item no.: 216-102</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored | <a href="http://www.wago.com/216-102">www.wago.com/216-102</a>                 |
| <b>Item no.: 216-103</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated                    | <a href="http://www.wago.com/216-103">www.wago.com/216-103</a>                 |
| <b>Item no.: 216-123</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored    | <a href="http://www.wago.com/216-123">www.wago.com/216-123</a>                 |
| <b>Item no.: 216-122</b>   | <a href="http://www.wago.com/216-122">www.wago.com/216-122</a>                 |

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



Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

**Item no.: 216-124**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

[www.wago.com/216-124](http://www.wago.com/216-124)

**Item no.: 216-132**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-132](http://www.wago.com/216-132)

**Item no.: 216-121**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-121](http://www.wago.com/216-121)

**Item no.: 216-131**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-131](http://www.wago.com/216-131)

**Item no.: 216-152**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-152](http://www.wago.com/216-152)

**Item no.: 216-203**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

[www.wago.com/216-203](http://www.wago.com/216-203)

**Item no.: 216-206**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; blue

[www.wago.com/216-206](http://www.wago.com/216-206)

**Item no.: 216-202**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-202](http://www.wago.com/216-202)

**Item no.: 216-151**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-151](http://www.wago.com/216-151)

**Item no.: 216-204**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black

[www.wago.com/216-204](http://www.wago.com/216-204)

**Item no.: 216-205**

Ferrule; Sleeve for 2.08 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; yellow

[www.wago.com/216-205](http://www.wago.com/216-205)

**Item no.: 216-201**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-201](http://www.wago.com/216-201)

**Item no.: 216-223**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

[www.wago.com/216-223](http://www.wago.com/216-223)

**Item no.: 216-222**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-222](http://www.wago.com/216-222)

**Item no.: 216-221**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-221](http://www.wago.com/216-221)

**Item no.: 216-224**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black

[www.wago.com/216-224](http://www.wago.com/216-224)

**Item no.: 216-321**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow

[www.wago.com/216-321](http://www.wago.com/216-321)

**Item no.: 216-322**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise

[www.wago.com/216-322](http://www.wago.com/216-322)

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## Downloads Documentation

### Bid Text

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### Additional Information

|  |  |               |          |
|--|--|---------------|----------|
|  |  | pdf<br>2.3 MB | Download |
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## CAD/CAE-Data

### CAD data

|                      |  |     |          |
|----------------------|--|-----|----------|
| 2D/3D Models 264-111 |  | URL | Download |
|----------------------|--|-----|----------|

### CAE data

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

|                      |  |     |          |
|----------------------|--|-----|----------|
| ZUKEN Portal 264-111 |  | URL | Download |
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## Environmental Product Compliance

### Compliance Search

|  |  |     |          |
|--|--|-----|----------|
| Environmental Product Compliance 264-111 |  | URL | Download |
|--|--|-----|----------|

2-conductor terminal strip; without push-buttons; with fixing flanges; 11-pole; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## Installation Notes

### Installation

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

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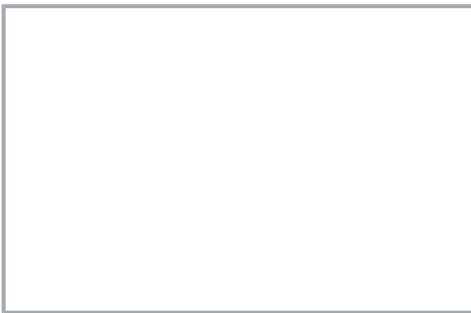




Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.



Mounting an end plate.



Removing a terminal block.

### Conductor termination



### CAGE CLAMP® connection

Inserting a conductor.

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

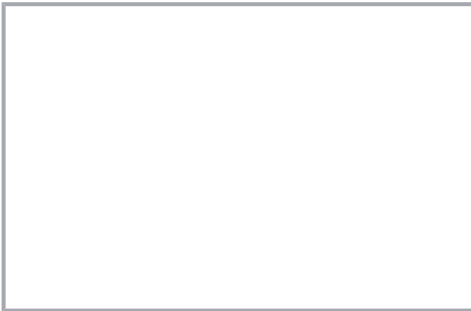
### Commoning

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



Commoning with comb-style jumper bar.

### Testing



Testing by touch contact to the CAGE CLAMP® spring (limited to 0.5 A and 48 V test voltage) – test pins are not protected against accidental contact.



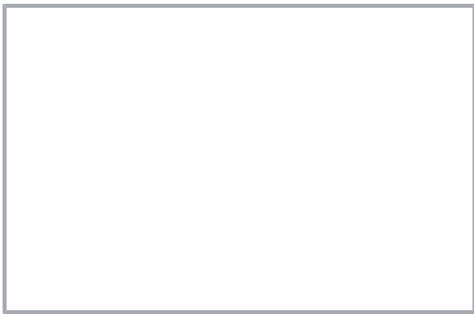
Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A).

CAGE CLAMP® clamps individual test contacts.

The maximum test voltage is 400 V.

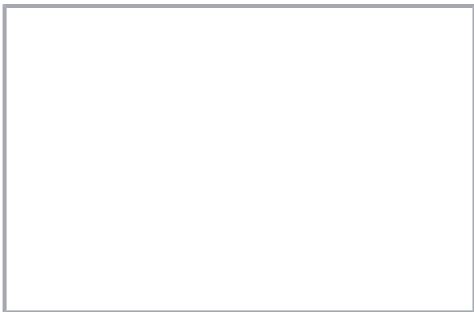
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Subject to changes. Please also observe the further product documentation!



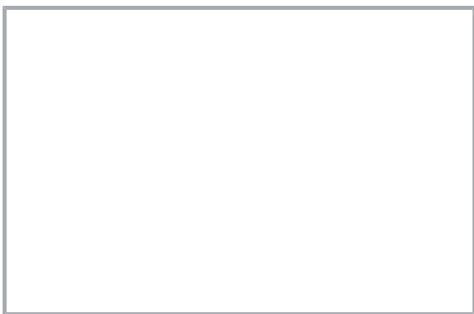
Terminal strip with mounting flanges:

- End plate with mounting flange
- Center terminal blocks
- End terminal block with mounting flange



Mounting and securing a terminal strip directly to the plate via screw-type flanges.

#### Marking



Marking via Mini-WSB Quick Marking System.

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