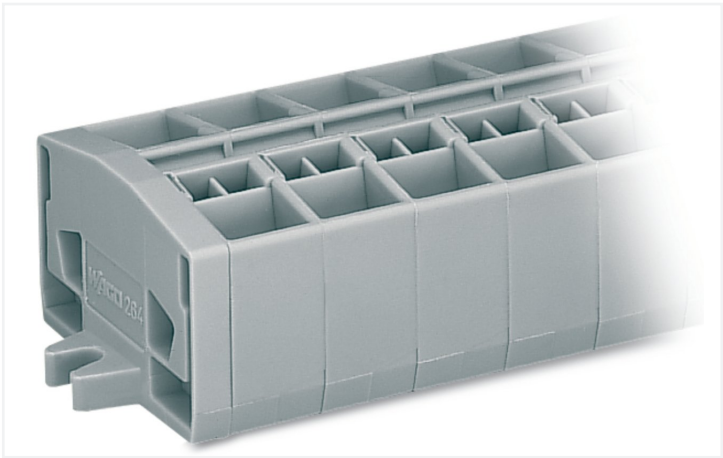


Data Sheet | Item Number: 264-209

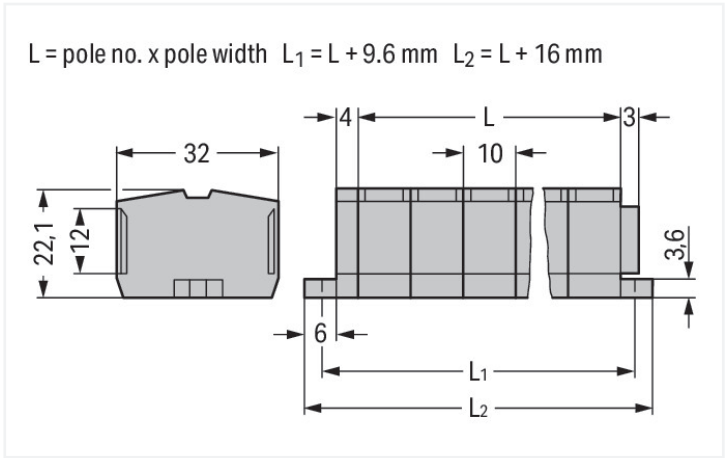
4-conductor terminal strip; without push-buttons; with fixing flanges; 9-pole; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm²; CAGE CLAMP®; gray

<https://www.wago.com/264-209>



Color: ■ gray

Similar to illustration



Dimensions in mm

Through terminal block, 264 Series, CAGE CLAMP®

Our through terminal block (item number 264-209) simplifies electrical installations. Whether in industrial or building applications, our rail-mount through terminal blocks are the perfect solution to quickly and securely connect electrical conductors. Depending on the model, you can use them for either typical through-wiring or potential distribution. Rated current and voltage are key factors to consider when choosing a mini rail-mount terminal block, as they indicate possible applications and uses. This product has a rated voltage of 800 V and a rated current of 24 A. Ensure that the strip lengths are between 8 mm and 9 mm when connecting conductors to this through terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a proven and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Depending on the type of conductor, this through terminal block is suitable for conductor cross sections ranging from 0.08 mm² to 2.5 mm². Up to nine potentials / nine poles can be connected to this terminal strip using thirty-six clamping points on one level. The gray housing is made of polyamide (PA66) for insulation. An operating tool is used to operate this mini rail-mount terminal block. You can connect copper conductors via front-entry wiring.

| Electrical data | | | | |
|---|---|---------------|-------|-------|
| Ratings per IEC/EN | | Approvals per | | |
| | | UL 1059 | | |
| Nominal voltage (III/3) | 800 V | Use group | B | C |
| Rated impulse withstand voltage (III / 3) | 8 kV | Rated voltage | 600 V | 600 V |
| Rated current | 24 A | Rated current | 20 A | 20 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 | | | |
| | | D | | |
| | | - | | |
| | | - | | |

| Approvals per | | CSA 22.2 No 158 | | |
|---------------|---|-----------------|---|--|
| Use group | B | C | D | |
| Rated voltage | - | 600 V | - | |
| Rated current | - | 20 A | - | |

Connection data

| | |
|----------------------------|----|
| Clamping units | 36 |
| Total number of potentials | 9 |
| Number of levels | 1 |

Connection 1

| | |
|---------------------------------|-----------------------------------|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Pole number | 9 |
| Wiring direction | Front-entry wiring |

Physical data

| | |
|-------------------------|-----------------------|
| Width | 106 mm / 4.173 inches |
| Height | 32 mm / 1.26 inches |
| Height from the surface | 22.1 mm / 0.87 inches |
| Depth | 22.1 mm / 0.87 inches |
| Module width | 10 mm / 0.394 inches |

Mechanical data

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

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | gray |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 1.083 MJ |
| Halogen-free | Yes |
| Weight | 58.6 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Processing temperature | -35 ... +85 °C |
| Continuous operating temperature | -60 ... +105 °C |

Commercial data

| | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-14-11-06 |
| eCl@ss 9.0 | 27-14-11-06 |
| ETIM 9.0 | EC001284 |
| ETIM 8.0 | EC001284 |
| PU (SPU) | 50 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4044918418737 |
| Customs tariff number | 85369010000 |



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

Approvals / Certificates

| General approvals | | | Declarations of conformity and manufacturer's declarations | | |
|---|----------|------------------|--|----------|------------------|
| | | | | | |
| Approval | Standard | Certificate Name | Approval | Standard | Certificate Name |
| CB DEKRA Certification B.V. | EN 60998 | NL-49768 | EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |
| CCA DEKRA Certification B.V. | EN 60998 | NTR NL-7342 | UK-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |
| CCA DEKRA Certification B.V. | EN 60998 | 2175624.01 | | | |
| CSA DEKRA Certification B.V. | C22.2 | 70010891 | | | |
| UR Underwriters Laboratories Inc. | UL 1059 | E45172 | | | |

Approvals for marine applications

| Approval | Standard | Certificate Name |
|---|-----------|------------------|
| ABS American Bureau of Ship- ping | - | 19-HG1869868-PDA |
| DNV GL Det Norske Veritas, Ger- manischer Lloyd | - | TAE00001V2 |
| LR Lloyds Register | IEC 60998 | LR22173030TA |

Downloads

| Environmental Product Compliance | |
|---|--|
| Compliance Search | |
| Environmental Product Compliance 264-209 | |

Documentation

| Additional Information | | Bid Text | |
|------------------------|-------------------|----------|-----------------|
| Technical Section | pdf 2246.92 KB | 264-209 | xml 3.22 KB |
| | | 264-209 | doc 24.50 KB |
| | | | |















| CAD/CAE-Data | |
|--|---|
| <div>CAD data</div> <div>2D/3D Models 264-209</div> <div>↓</div> | <div>CAE data</div> <div>EPLAN Data Portal 264-209</div> <div>↓</div> <div>WSCAD Universe 264-209</div> <div>↓</div> <div>ZUKEN Portal 264-209</div> <div>↓</div> |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

| | | | |
|--|---|--|--|
|  <div>Item No.: 216-131 Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored</div> |  <div>Item No.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white</div> |  <div>Item No.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored</div> |  <div>Item No.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray</div> |
|  <div>Item No.: 216-102 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored</div> |  <div>Item No.: 216-203 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red</div> |  <div>Item No.: 216-103 Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated</div> |  <div>Item No.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black</div> |
|  <div>Item No.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored</div> |  <div>Item No.: 216-205 Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow</div> |  <div>Item No.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue</div> |  <div>Item No.: 216-106 Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated; silver-colored</div> |


1.1.2 Installation

1.1.2.1 Cover



[Item No.: 709-153](#)
Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

1.1.2.2 Cover carrier



[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



1.1.3 Jumper

1.1.3.1 Jumper



[Item No.: 280-492](#)
Jumper; 2-way; insulated; gray

[Item No.: 264-402](#)
Jumper; for conductor entry; 2-way; insulated; gray

1.1.4 Marking

1.1.4.1 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

[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

[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

[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



[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

[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

[Item No.: 2009-145](#)
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[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



[Item No.: 248-501/000-006](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

[Item No.: 248-501/000-007](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

[Item No.: 248-501/000-023](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[Item No.: 248-501/000-017](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



[Item No.: 248-501/000-012](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

[Item No.: 248-501/000-005](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

[Item No.: 248-501/000-024](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

[Item No.: 248-501](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



[Item No.: 248-501/000-002](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

1.1.5 Test and measurement

1.1.5.1 Testing accessories



[Item No.: 249-139](#)
Test plug module; without locking device; modular; for 4-conductor terminal blocks; gray

[Item No.: 210-136](#)
Test plug; 2 mm Ø; with 500 mm cable; red

1.1.6 Tool

1.1.6.1 Operating tool



Item No.: 210-658
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured



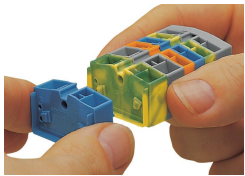
Item No.: 209-130
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural



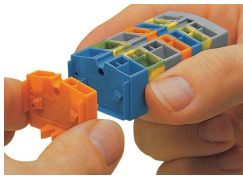
Item No.: 280-432
Operating tool; made of insulating material; 2-way; white

Installation Notes

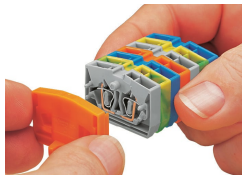
Installation



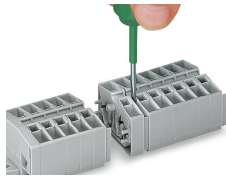
Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.

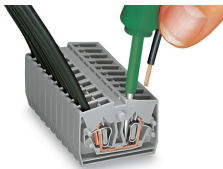


Mounting an end plate.



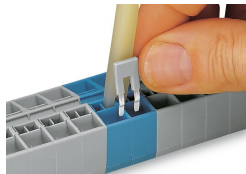
Removing a terminal block.

Conductor termination



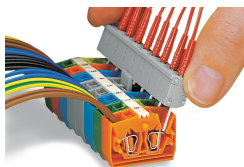
CAGE CLAMP® connection
Inserting a conductor.
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning

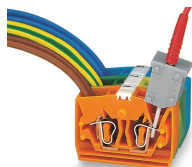


Commoning with comb-style jumper bar.

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.



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.