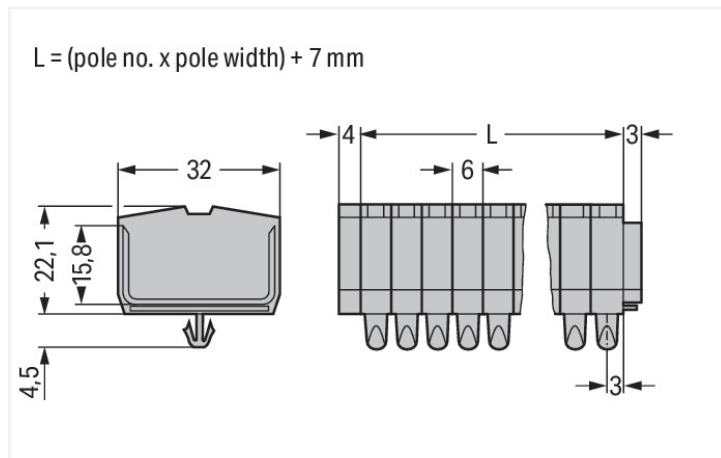
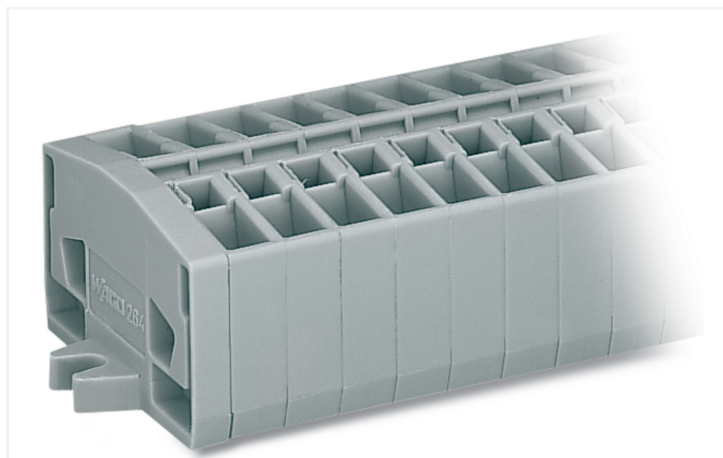


## Data Sheet | Item Number: 264-154

2-conductor terminal strip; without push-buttons; with snap-in mounting feet; 4-pole; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®; gray

<https://www.wago.com/264-154>



Color: ■ gray

Similar to illustration

Dimensions in mm

Through terminal block, 264 Series, gray

Our through terminal block (item number 264-154) ensures effortless electrical installations. Strip lengths must be between 8 and 9 mm when connecting conductors to this through terminal block. 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 variant, you can use them for either typical through-wiring or potential distribution. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a safe 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. The dimensions are (31 x 32 x 26.6) mm (width x height x depth). This through terminal block is suitable for conductor cross sections ranging from 0.08 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.

This mini rail-mount terminal block is operated with an operating tool.

### Electrical data

#### Ratings per IEC/EN

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

#### Approvals per

#### UL 1059

| Use group     | B     | C     | D |
|---------------|-------|-------|---|
| Rated voltage | 600 V | 600 V | - |
| Rated current | 20 A  | 20 A  | - |

#### Approvals per

#### CSA 22.2 No 158

| Use group     | B | C     | D |
|---------------|---|-------|---|
| Rated voltage | - | 600 V | - |
| Rated current | - | 20 A  | - |

#### General information

|                  |                    |
|------------------|--------------------|
| Wiring direction | Front-entry wiring |
|------------------|--------------------|

### Connection Data

|                            |   |
|----------------------------|---|
| Clamping units             | 8 |
| Total number of potentials | 4 |
| 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                     | 4  |
| Wiring direction                | Front-entry wiring                           |

### Physical data

|                         |                        |
|-------------------------|------------------------|
| Width                   | 31 mm / 1.22 inches    |
| Height                  | 32 mm / 1.26 inches    |
| Height from the surface | 22.1 mm / 0.87 inches  |
| Depth                   | 26.6 mm / 1.047 inches |
| Module width            | 6 mm / 0.236 inches    |

### Mechanical data

|               |                 |
|---------------|-----------------|
| Design        | horizontal type |
| Mounting type | Snap-in foot    |
| Marking level | Center marking  |

### Material data

|                                    |  |
|------------------------------------|--|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | gray   |
| Material group                     | I  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Flammability class per UL94        | V0   |
| Fire load                          | 0.364 MJ   |
| Halogen-free                       | Yes  |
| Weight                             | 17.4 g   |

### Commercial data

|                       |                           |
|-----------------------|---------------------------|
| Product Group         | 9 (Std Chassis Mt Blocks) |
| PU (SPU)              | 100 pcs                   |
| Packaging type        | Box                       |
| Country of origin     | DE                        |
| GTIN                  | 4044918423632             |
| Customs tariff number | 85369010000               |

### Product Classification

|             |                      |
|-------------|----------------------|
| UNSPSC      | 39121410             |
| eCl@ss 10.0 | 27-14-11-06          |
| eCl@ss 9.0  | 27-14-11-06          |
| ETIM 9.0    | EC001284             |
| ETIM 10.0   | EC001284             |
| ECCN        | NO US CLASSIFICATION |

### Environmental Product Compliance

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

### Approvals / Certificates

#### General approvals



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

#### Declarations of conformity and manufacturer's declarations

| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |

### Approvals for marine applications



| Approval   | Standard  | Certificate Name  |
|--|-----------|-------------------|
| ABS<br>American Bureau of Shipping               | -         | 24-0095979-PDA    |
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -         | TAE00001V2        |
| LR<br>Lloyds Register                            | IEC 60998 | LR22173030TA      |
| PRS<br>Polski Rejestr Statków                    | -         | TE/1094/880590/23 |

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 264-154



## Documentation

### Bid Text

|         |            |                 |  |
|---------|------------|-----------------|--|
| 264-154 | 19.02.2019 | xml<br>3.21 KB  |  |
| 264-154 | 14.06.2017 | doc<br>25.00 KB |  |

## CAD/CAE-Data

### CAD data

2D/3D Models 264-154



### CAE data

EPLAN Data Portal 264-154



WSCAD Universe 264-154



ZUKEN Portal 264-154



## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 DIN-rail

##### 1.1.1.1 Mounting accessories



#### Item No.: 210-154

Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored

### 1.1.2 Ferrule

#### 1.1.2.1 Ferrule



#### Item No.: 216-131

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



#### Item No.: 216-201

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white



#### Item No.: 216-101

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



#### Item No.: 216-202

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



#### Item No.: 216-102

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



#### Item No.: 216-203

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



#### Item No.: 216-103

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



#### Item No.: 216-204

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

1.1.2.1 Ferrule



**Item No.: 216-104**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; silver-colored

**Item No.: 216-205**  
 Ferrule; Sleeve for 2.08 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; yellow

**Item No.: 216-206**  
 Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; blue

**Item No.: 216-106**  
 Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; silver-colored

1.1.3 Installation

1.1.3.1 Cover



**Item No.: 709-153**  
 Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

1.1.3.2 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

1.1.4 Jumper

1.1.4.1 Jumper



**Item No.: 281-492**  
 Jumper; 2-way; insulated; gray

**Item No.: 264-402**  
 Jumper; for conductor entry; 2-way; insulated; gray

1.1.5 Marking

1.1.5.1 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

### 1.1.5.1 Marker



**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

### 1.1.6 Test and measurement

#### 1.1.6.1 Testing accessories



**Item No.: 249-136**

Test plug module; without locking device; modular; for 2-conductor terminal blocks; gray



**Item No.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

### 1.1.7 Tool

#### 1.1.7.1 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

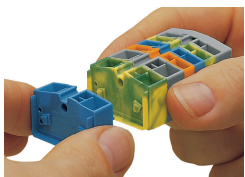


**Item No.: 209-130**

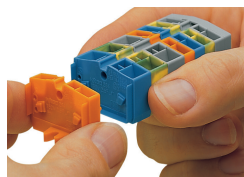
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural

### Installation Notes

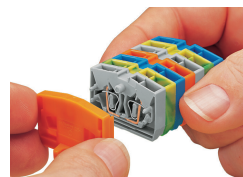
#### Installation



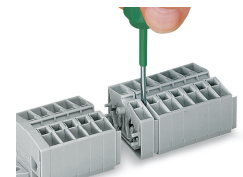
Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.

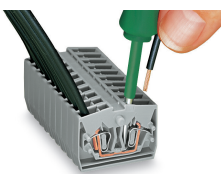


Mounting an end plate.



Removing a terminal block.

### Conductor termination

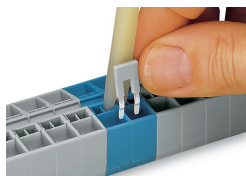


**CAGE CLAMP® connection**

Inserting a conductor.

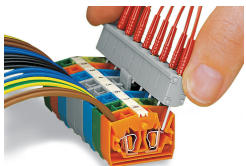
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

## Commoning

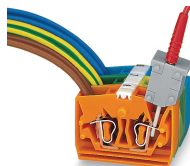


Commoning with comb-style jumper bar.

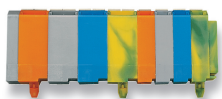
## Testing



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.

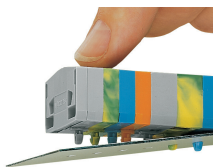


Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A). CAGE CLAMP® clamps individual test contacts. The maximum test voltage is 400 V.

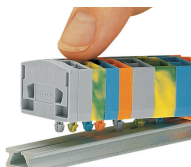


Terminal strip with mounting flanges, consisting of:

- End plate
- 4-conductor terminal block with snap-in mounting foot<sup>1)</sup>
- Center terminal blocks
- 2-conductor terminal block with snap-in mounting foot<sup>1)</sup> at every 4th or 5th terminal block of the strip



Mounting a terminal strip with snap-in feet into holes.



Mounting a terminal strip with snap-in feet onto aluminum rail.

## Marking



Marking via Mini-WSB Quick Marking System.

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

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Current addresses can be found at: [www.wago.com](http://www.wago.com)