

## Data Sheet | Item Number: 261-334

4-conductor terminal block; without push-buttons; suitable for Ex i applications; with fixing flange; 1-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>; blue

<https://www.wago.com/261-334>



Color: ■ blue

Through terminal block, 261 Series, blue

Our through terminal block (item number 261-334) is the perfect way to connect conductors quickly and easily. Conductors should only be connected to this through terminal block if their strip length is between 8 and 9 mm. Our mini rail-mount terminal blocks are perfect for tight spaces thanks to their compact design. You can also choose from a range of mounting and actuation variants for unparalleled flexibility, making it easy to select the ideal mini terminal block for each use. Featuring conductor terminals along with CAGE CLAMP®, this product is highly versatile. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all types of conductors without having to prepare the conductor. For example, you don't need to crimp ferrules. Dimensions: (10 x 28 x 18) 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)                   | 500 V   |
| Rated impulse withstand voltage (III / 3) | 6 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 | 300 V | 300 V | 600 V |
| Rated current | 15 A  | 15 A  | 5 A   |

#### Approvals per

#### CSA 22.2 No 158

| Use group     | B | C     | D     |
|---------------|---|-------|-------|
| Rated voltage | - | 300 V | 600 V |
| Rated current | - | 10 A  | 5 A   |

#### General information

|                  |                   |
|------------------|-------------------|
| Wiring direction | Side-entry wiring |
|------------------|-------------------|

### Connection Data

|                            |   |
|----------------------------|---|
| Clamping units             | 4 |
| Total number of potentials | 1 |
| 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 ... 14 AWG |
| Fine-stranded conductor         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches            |
| Pole number                     | 1  |
| Wiring direction                | Side-entry wiring                            |

### Physical data

|        |                      |
|--------|----------------------|
| Width  | 10 mm / 0.394 inches |
| Height | 28 mm / 1.102 inches |
| Depth  | 18 mm / 0.709 inches |

### Mechanical data

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

### Material data

|                                    |  |
|------------------------------------|--|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | blue   |
| Material group                     | I  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Flammability class per UL94        | V0   |
| Fire load                          | 0.039 MJ   |
| Halogen-free                       | Yes  |
| Weight                             | 3.8 g  |

### Commercial data

|                       |                           |
|-----------------------|---------------------------|
| Product Group         | 9 (Std Chassis Mt Blocks) |
| PU (SPU)              | 200 (50) pcs              |
| Packaging type        | Box                       |
| Country of origin     | CH                        |
| GTIN                  | 4044918610742             |
| 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** **Declarations of conformity and manufacturer's declarations**



| Approval                              | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CCA<br>DEKRA Certification B.V.       | EN 60998 | NTR-NL 6509      |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60998 | 2110272.02       |
| UR<br>Underwriters Laboratories Inc.  | UL 1059  | E45172           |

| 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    |
| BV<br>Bureau Veritas S.A.                        | EN 60947  | 07436/G0 BV       |
| 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 261-334 | <a href="#">↓</a> |

**Documentation**

| Bid Text |            |                 |                   |
|----------|------------|-----------------|-------------------|
| 261-334  | 19.02.2019 | xml<br>3.28 KB  | <a href="#">↓</a> |
| 261-334  | 22.06.2017 | doc<br>25.00 KB | <a href="#">↓</a> |

CAD/CAE-Data

| CAD data             | CAE data                  |
|----------------------|---------------------------|
| 2D/3D Models 261-334 | EPLAN Data Portal 261-334 |
|                      | WSCAD Universe 261-334    |
|                      | ZUKEN Portal 261-334      |

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



**Item No.: 261-361**  
End plate; with fixing flange; gray

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule



**Item No.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-131**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**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



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



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



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



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

## 1.2.2 Installation

### 1.2.2.1 Mounting accessories



**Item No.: 209-137**

Mounting adapter; can be used as end stop; 6.5 mm wide; gray



**Item No.: 209-123**

Mounting foot with screw; can be screwed on terminal blocks with fixing flange; 6.4 mm wide; gray

## 1.2.3 Jumper

### 1.2.3.1 Jumper



**Item No.: 261-402**

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

## 1.2.4 Marking

### 1.2.4.1 Marking strip



**Item No.: 210-833**

Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white

## 1.2.5 Test and measurement

### 1.2.5.1 Testing accessories



**Item No.: 261-405**

Test plug module; with locking latches; modular; for 4-conductor terminal blocks; for 261 Series; gray



**Item No.: 249-139**

Test plug module; without locking device; modular; for 4-conductor terminal blocks; gray

## 1.2.6 Tool

### 1.2.6.1 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

## Installation Notes

### Installation



Assembling modular terminal blocks into terminal strips.

Mounting an end plate.

### Conductor termination



#### CAGE CLAMP® connection

Inserting a conductor.

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

### Commoning

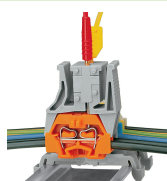


Commoning with comb-style jumper bar.



Testing via test plug modules snapped onto a terminal strip – wired or unwired. As touch contact is made with the CAGE CLAMP® (spring steel) unit, this testing type is limited to maximum 0.5 A.

Distance between locking devices must be approximately 35 ... 40 mm!



Testing after the conductors have been terminated.

Marking



Marking with self-adhesive marking strips.

Marking by direct printing (upon request).