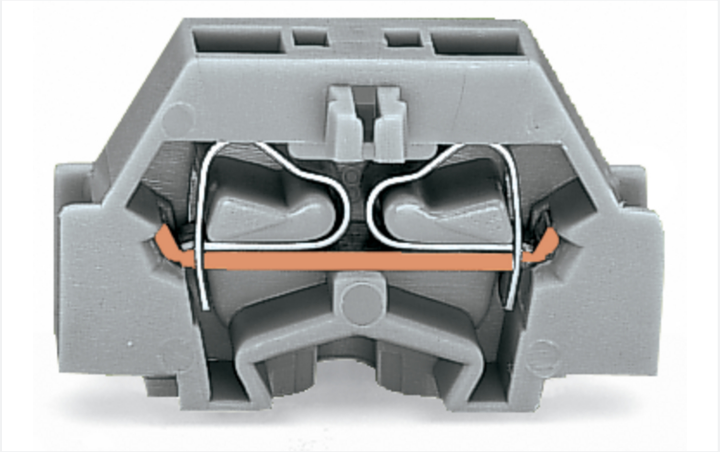
# Data Sheet | Item Number: 261-316

2-conductor terminal block; without push-buttons; with snap-in mounting foot; 1-pole; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; orange

https://www.wago.com/261-316



Color: orange

Similar to illustration

Through terminal block, 261 Series, CAGE CLAMP®

This through terminal block (item number 261-316) is designed for simple and secure connections. 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 version, 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 dependable 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 (6 x 28 x 22.5) mm (width x height x depth). Depending on the conductor type, this through terminal block is designed for conductor cross sections ranging from 0.08 mm² to 2.5 mm².

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 |


Continued on next page

## Connection Data

| | |
|---|---|
| Clamping units | 2 |
| 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 mm² / 28 … 14 AWG |
| Fine-stranded conductor | 0.08 … 2.5 mm² / 28 … 14 AWG |
| Strip length | 8 … 9 mm / 0.31 … 0.35 inches |
| Pole number | 1 |
| Wiring direction | Side-entry wiring |

## Physical data

| | |
|---|---|
| Width | 6 mm / 0.236 inches |
| Height | 28 mm / 1.102 inches |
| Height from the surface | 18.1 mm / 0.713 inches |
| Depth | 22.5 mm / 0.886 inches |

## Mechanical data

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

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | orange |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.037 MJ |
| Halogen-free | Yes |
| Weight | 2.3 g |

## Commercial data

| | |
|---|---|
| Product Group | 9 (Std Chassis Mt Blocks) |
| PU (SPU) | 200 (50) pcs |
| Packaging type | Box |
| Country of origin | CH |
| GTIN | 4044918611442 |
| Customs tariff number | 85369010000 |


Continued on next page

## Product Classification

| | |
|---|---|
| UNSPSC | 39121409 |
| 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 |
|---|---|---|
| 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 |

### 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 |
| BV<br>Bureau Veritas S.A. | EN 60947 | 07436/G0 BV |
| DNV<br>DNV GL SE | - | TAE00001V2 |
| LR<br>Lloyds Register | IEC 60998 | LR22173030TA |
| PRS<br>Polski Rejestr Statków | - | TE/1094/880590/23 |


Continued on next page

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 261-316

### Documentation

**Bid Text**

| | | |
|---|---|---|
| 261-316 | 19.02.2019 | xml 3.26 KB |
| 261-316 | 16.08.2017 | doc 25.00 KB |

### CAD/CAE-Data

**CAD data**

2D/3D Models 261-316

**CAE data**

EPLAN Data Portal 261-316

WSCAD Universe 261-316

ZUKEN Portal 261-316

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 End plate

##### 1.1.1.1 End plate



Item No.: 261-371
End plate; with snap-in mounting foot; gray

### 1.2 Optional Accessories

#### 1.2.1 DIN-rail

##### 1.2.1.1 Mounting accessories



Item No.: 210-154
Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored

 Continued on next page

## 1.2.2 Ferrule

### 1.2.2.1 Ferrule



Item No.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item No.: 216-131
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored



Item No.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



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



Item No.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-102
Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; silver-colored



Item No.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated



Item No.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



Item No.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored



Item No.: 216-205
Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow



Item No.: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

## 1.2.3 Installation

### 1.2.3.1 Mounting accessories



Item No.: 209-137
Mounting adapter; can be used as end stop; 6.5 mm wide; gray



Item No.: 209-120
Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray

## 1.2.4 Jumper

### 1.2.4.1 Jumper



Item No.: 261-402
Jumper; for conductor entry; 2-way; insulated; gray

## 1.2.5 Marking

### 1.2.5.1 Marking strip



Item No.: 210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white


Continued on next page

## 1.2.6 Test and measurement

### 1.2.6.1 Testing accessories



Item No.: 261-404
Test plug module; with locking latches; modular; for 2-conductor terminal blocks; for 261 Series; gray



Item No.: 249-136
Test plug module; without locking device; modular; for 2-conductor terminal blocks; gray

## 1.2.7 Tool

### 1.2.7.1 Operating tool



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



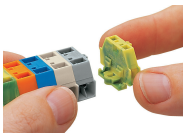
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



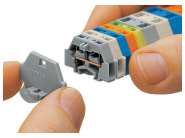
Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

## Installation Notes

### Installation

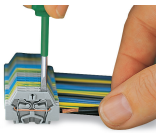


Assembling modular terminal blocks into terminal strips.



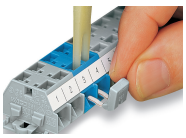
Mounting an end plate.

## Conductor termination



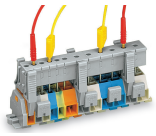
**CAGE CLAMP® connection**
Inserting a conductor.
With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.

## Commoning



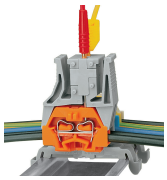
Commoning with comb-style jumper bar.


Continued on next page



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).