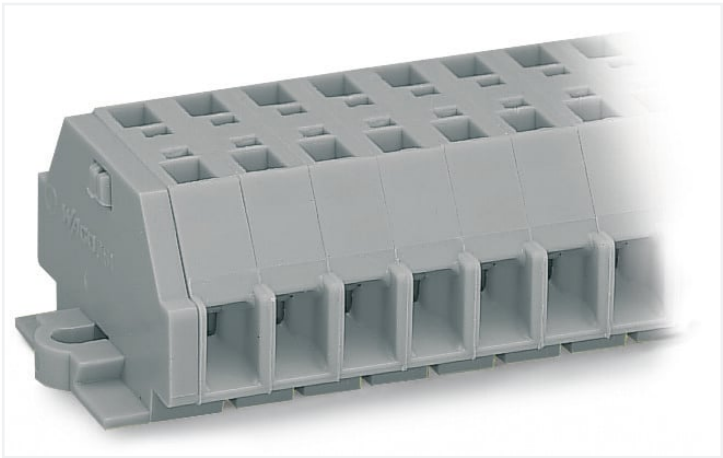


Data Sheet | Item Number: 261-159

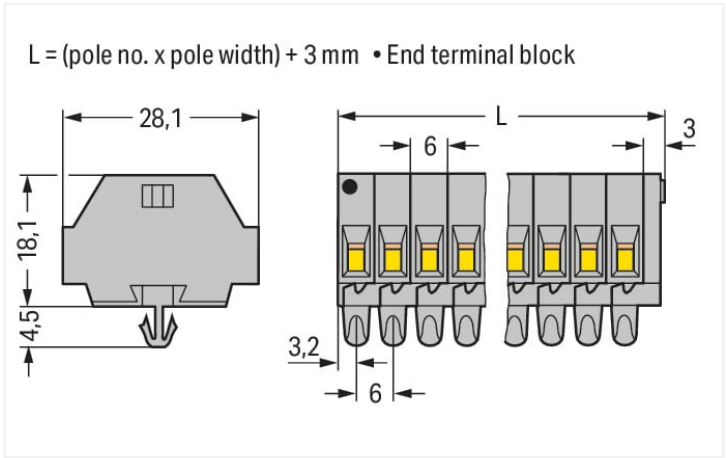
2-conductor terminal strip; without push-buttons; with snap-in mounting feet; 9-pole; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/261-159>



Color: ■ gray

Similar to illustration



Dimensions in mm

Electrical data

| Ratings per IEC/EN            |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Nominal voltage (III/3)       | 500 V                                                     |
| Rated impulse 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   |

Connection data

|                            |    |
|----------------------------|----|
| Connection points          | 18 |
| 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 ... 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                     | 9                                 |
| Wiring direction                | Side-entry wiring                 |



| Physical data           |                        |
|-------------------------|------------------------|
| Width                   | 57 mm / 2.244 inches   |
| Height from the surface | 18.1 mm / 0.713 inches |
| Depth                   | 28.1 mm / 1.106 inches |
| Module width            | 6 mm / 0.236 inches    |

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

| Material data               |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | gray                                                                                                                   |
| Material group              | I                                                                                                                      |
| Insulation material         | Polyamide (PA66)                                                                                                       |
| Flammability class per UL94 | V0                                                                                                                     |
| Fire load                   | 0.399 MJ                                                                                                               |
| Halogen-free                | Yes                                                                                                                    |
| Weight                      | 21.8 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                  | 4044918629324 |
| 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 | EU-Declaration of Confor- mity<br>WAGO GmbH & Co. KG       | -        | -                |
| CCA<br>DEKRA Certification B.V.      | EN 60998 | NTR-NL 6509      | UK-Declaration of Confor- mity<br>WAGO GmbH & Co. KG       | -        | -                |
| CCA<br>DEKRA Certification B.V.      | EN 60998 | 2110272.02       |                                                            |          |                  |
| CSA<br>DEKRA Certification B.V.      | C22.2    | 70010891         |                                                            |          |                  |
| UR<br>Underwriters Laboratories Inc. | UL 1059  | E45172           |                                                            |          |                  |



Approvals for marine applications

|  |  |  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Approval                                                                         | Standard                                                                          | Certificate Name                                                                  |
| ABS<br>American Bureau of Ship-<br>ping                                          | -                                                                                 | 19-HG1869868-PDA                                                                  |
| BV<br>Bureau Veritas S.A.                                                        | EN 60947                                                                          | 07436/F0 BV                                                                       |
| LR<br>Lloyds Register                                                            | IEC 60998                                                                         | LR22173030TA                                                                      |

Downloads

| Environmental Product Compliance            |                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------|
| Compliance Search                           |                                                                                   |
| Environmental Product<br>Compliance 261-159 |  |

Documentation

| Additional Information |            |                                                                                     | Bid Text |            |         |                                                                                       |
|------------------------|------------|-------------------------------------------------------------------------------------|----------|------------|---------|---------------------------------------------------------------------------------------|
| Technical Section      | pdf        |  | 261-159  | 19.02.2019 | xml     |  |
|                        | 2240.62 KB |                                                                                     |          |            | 3.09 KB |                                                                                       |
|                        |            |                                                                                     | 261-159  | 14.06.2017 | doc     |                                                                                       |

CAD/CAE-Data

| CAD data             |                                                                                     | CAE data                     |                                                                                       |
|----------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|
| 2D/3D Models 261-159 |  | EPLAN Data Portal<br>261-159 |  |
|                      |                                                                                     | WSCAD Universe<br>261-159    |  |
|                      |                                                                                     | ZUKEN Portal 261-159         |  |



|                              |
|------------------------------|
| 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.: 216-301**  
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-321**  
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-151**  
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated



**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.: 216-322**  
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-132**  
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



**Item No.: 216-152**  
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



**Item No.: 216-201**  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



**Item No.: 216-221**  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



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



**Item No.: 216-121**  
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.: 216-222**  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-102**  
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-122**  
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



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



**Item No.: 216-223**  
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.: 216-123**  
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored



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



**Item No.: 216-224**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-124**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated



**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



**Item No.: 216-106**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated; silver-colored

1.1.3 Installation

1.1.3.1 Mounting accessories



**Item No.: 209-123**  
Mounting foot with screw; can be screwed on terminal blocks with fixing flange; 6.4 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

1.1.4 Jumper

1.1.4.1 Jumper



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

1.1.5 Marking

1.1.5.1 Marking strip



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

1.1.6 Test and measurement

1.1.6.1 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

1.1.7 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



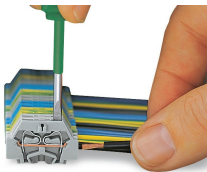
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



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

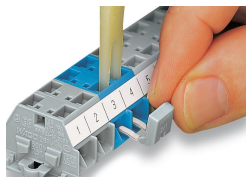
Installation Notes

Conductor termination

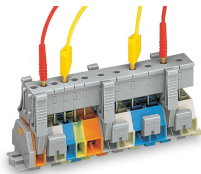


**CAGE CLAMP® connection**  
Inserting a conductor.  
With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.

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.

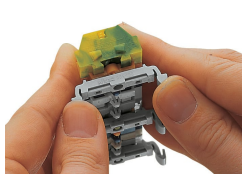
Installation



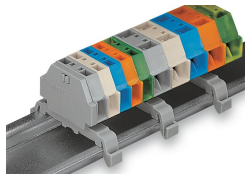
Mounting a terminal strip with snap-in feet into holes.



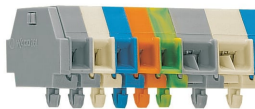
Mounting a terminal strip with snap-in feet onto aluminum rail.



Terminal strip with snap-in mounting feet  
Snapping a mounting foot (209-120).  
(Distance between mounting feet: approx. 25 ... 30 mm)



Terminal strip; with snap-in mounting feet; for DIN-35 rail



Terminal strip with snap-in mounting feet, for 0.6 ... 1.2 mm plate thickness, 3.5 mm mounting hole diameter (also for 210-154 Aluminum Rail or with 209-120 Mounting Foot for DIN-35 rail)

## Marking



Marking with self-adhesive marking strips.



Marking by direct printing (upon request).