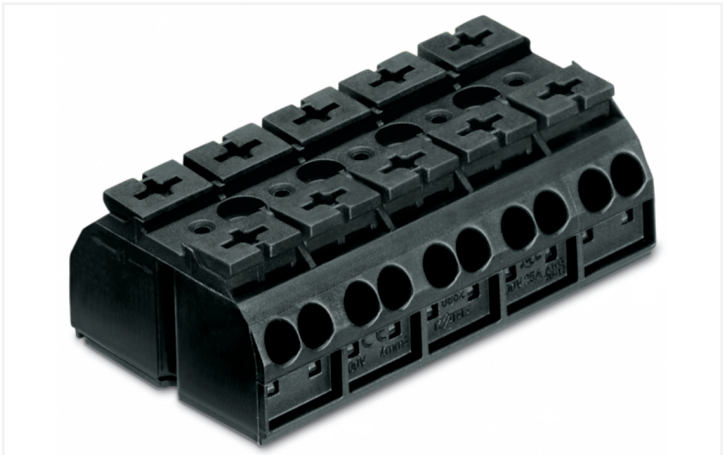


Data Sheet | Item Number: 862-515

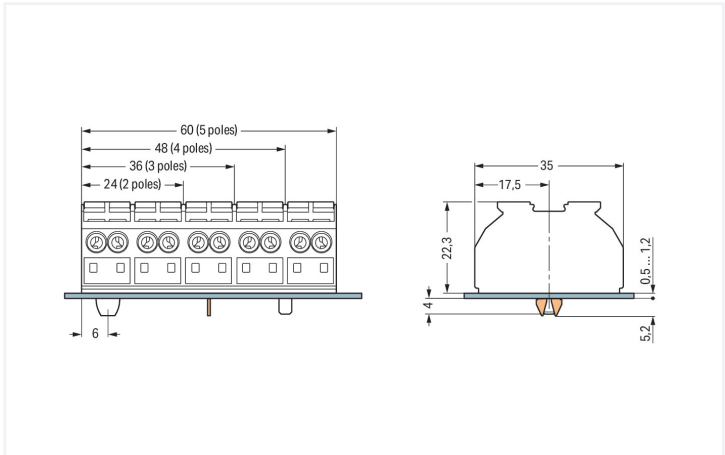
4-conductor chassis-mount terminal strip; without ground contact; 5-pole; 4 mm²;  
black

<https://www.wago.com/862-515>

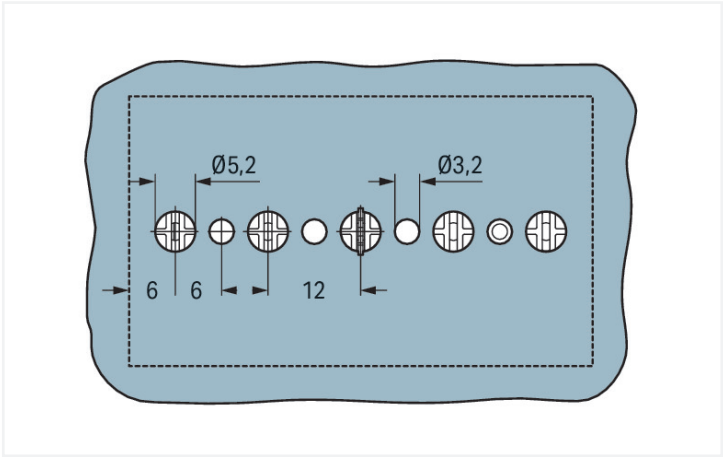


Color: ■ black

Similar to illustration



Dimensions in mm  
Dimensions in mm  
for chassis-mount terminal strips



Dimensions in mm  
for PE contact and snap-in mounting foot (Ø 5.2 mm)

Chassis-mount terminal strip, 862 Series, Push-in CAGE CLAMP®

Enjoy convenient electrical installations with this chassis-mount terminal strip (item number 862-515). Ensure that the strip lengths are between 10 mm and 11 mm when connecting conductors to this chassis-mount terminal strip. This product incorporates conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferules can be inserted without needing to use any tools—all thanks to its pluggable design. Depending on the type of conductor, this chassis-mount terminal strip is ideal for conductor cross sections ranging from 0.5 mm² to 4 mm². There are twenty clamping points available for connecting five different potentials / five poles. The black housing is made of polyamide (PA66) for insulation.

| Electrical data                           |                                                           |
|-------------------------------------------|-----------------------------------------------------------|
| Ratings per IEC/EN                        |                                                           |
| Nominal voltage (III/3)                   | 500 V                                                     |
| Rated impulse withstand voltage (III / 3) | 6 kV                                                      |
| Rated current                             | 32 A                                                      |
| Legend (ratings)                          | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |





| 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 8.0               |  | 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                                                                                                                                                                                                                                |          |          |                  |                                                         |   |   |                                                         |   |   |
| <div></div> |               |                                                                                                                                                                                                                                                                                           |          |          |                  |                                                         |   |   |                                                         |   |   |
| Approval                                                                                                                                                                                                                                                                                                                                                                                                                        | Standard      | Certificate Name                                                                                                                                                                                                                                                                          |          |          |                  |                                                         |   |   |                                                         |   |   |
| CCA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                                                                                                                 | EN 60947      | NTR NL 6912                                                                                                                                                                                                                                                                               |          |          |                  |                                                         |   |   |                                                         |   |   |
| CCA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                                                                                                                 | EN 60947      | 2146425.01                                                                                                                                                                                                                                                                                |          |          |                  |                                                         |   |   |                                                         |   |   |
| CSA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                                                                                                                 | C22.2 No. 158 | 1505030                                                                                                                                                                                                                                                                                   |          |          |                  |                                                         |   |   |                                                         |   |   |
| ENEC 15<br>UL International Germany GmbH                                                                                                                                                                                                                                                                                                                                                                                        | EN 60998      | 143856-01                                                                                                                                                                                                                                                                                 |          |          |                  |                                                         |   |   |                                                         |   |   |
| UL<br>UL International Germany GmbH                                                                                                                                                                                                                                                                                                                                                                                             | UL 1059       | E45172                                                                                                                                                                                                                                                                                    |          |          |                  |                                                         |   |   |                                                         |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 |               | <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor-<br/>mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor-<br/>mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table> | Approval | Standard | Certificate Name | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | - | - | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | - | - |
| Approval                                                                                                                                                                                                                                                                                                                                                                                                                        | Standard      | Certificate Name                                                                                                                                                                                                                                                                          |          |          |                  |                                                         |   |   |                                                         |   |   |
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG                                                                                                                                                                                                                                                                                                                                                                         | -             | -                                                                                                                                                                                                                                                                                         |          |          |                  |                                                         |   |   |                                                         |   |   |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG                                                                                                                                                                                                                                                                                                                                                                         | -             | -                                                                                                                                                                                                                                                                                         |          |          |                  |                                                         |   |   |                                                         |   |   |

| Approvals for marine applications                                                  |          |                  |
|------------------------------------------------------------------------------------|----------|------------------|
|  |          |                  |
| Approval                                                                           | Standard | Certificate Name |
| DNV GL<br>Det Norske Veritas, Ger-<br>manischer Lloyd                              | -        | TAE00001V2       |

| Downloads                                   |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance            |                                                                                     |
| Compliance Search                           |                                                                                     |
| Environmental Product<br>Compliance 862-515 |  |



Documentation

| Bid Text |            |                 |  |
|----------|------------|-----------------|--|
| 862-515  | 19.02.2019 | xml<br>3.63 KB  |  |
| 862-515  | 13.06.2017 | doc<br>24.50 KB |  |

CAD/CAE-Data

| CAD data             |
|----------------------|
| 2D/3D Models 862-515 |

| CAE data                  |
|---------------------------|
| EPLAN Data Portal 862-515 |
| WSCAD Universe 862-515    |
| ZUKEN Portal 862-515      |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                         |                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                         |                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                                                                                     |
| <a href="#">Item No.: 216-241</a><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | <a href="#">Item No.: 216-141</a><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | <a href="#">Item No.: 216-242</a><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="#">Item No.: 216-142</a><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                |
|                                                                                                                                                                                         |                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                                                                                     |
| <a href="#">Item No.: 216-243</a><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <a href="#">Item No.: 216-143</a><br>Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92   | <a href="#">Item No.: 216-244</a><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="#">Item No.: 216-144</a><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored |

1.1.2 Jumper

1.1.2.1 Jumper

|                                                                                    |
|------------------------------------------------------------------------------------|
|                                                                                    |
| <a href="#">Item No.: 862-482</a><br>Jumper; for conductor entry; insulated; black |



1.1.3 Marking

1.1.3.1 Marking strip



**Item No.: 709-177**  
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



**Item No.: 709-178**  
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.4 Test and measurement

1.1.4.1 Testing accessories



**Item No.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable; red

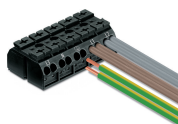
1.1.5 Tool

1.1.5.1 Operating tool



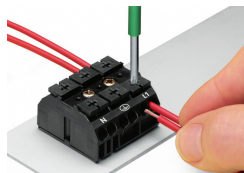
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

**Cost-effective features:**

WAGO's 862 Series Chassis-Mount Terminal Strips were developed specifically to minimize wiring costs, while accommodating requirements for flexible mounting, multiple connection points and easy usage:

- Equipped with Push-in CAGE CLAMP®, the 862 Series connects up to four conductors sized 0.5 to 4 mm<sup>2</sup> (20 ... 12 AWG). Due to multiple connection points per pole, different conductor sizes can be used within the same terminal block position.
- For factory wiring, Push-in CAGE CLAMP® Connection Technology allows solid conductors, fine-stranded conductors with ferrules or ultrasonically bonded conductors from 0.5 ... 4 mm<sup>2</sup> (20 ... 12 AWG) to be terminated by simply pushing them into unit (length of bonded conductor end: min. 10 mm).
- Convenient automatic grounding contact (optional)
- Snap-in mounting feet for fast assembly
- Push-buttons for easy installation with an operating tool or by hand
- Built-in test points simplify testing with 2 mm Ø test plug
- Standard marking for each pole, or custom marking for large orders

**Conductor termination**

Terminating four conductors per pole – solid and fine-stranded.



Inserting a conductor via push-button.

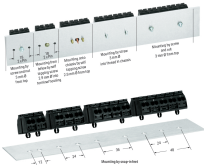
**Commoning**

Commoning using a comb-style jumper bar (862-482).

Testing

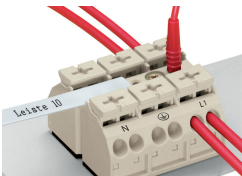


Testing with a 2 mm Ø test plug (max. 42 V).



Dimensions in mm

Marking



Marking by direct, one-side printing and marking strips