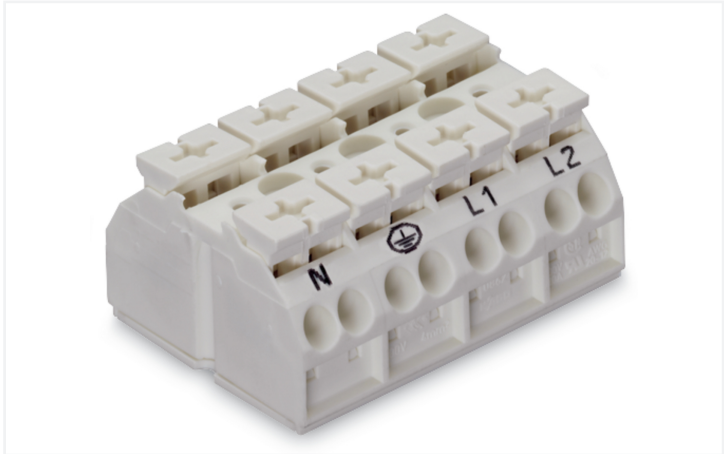


Data Sheet | Item Number: 862-2694

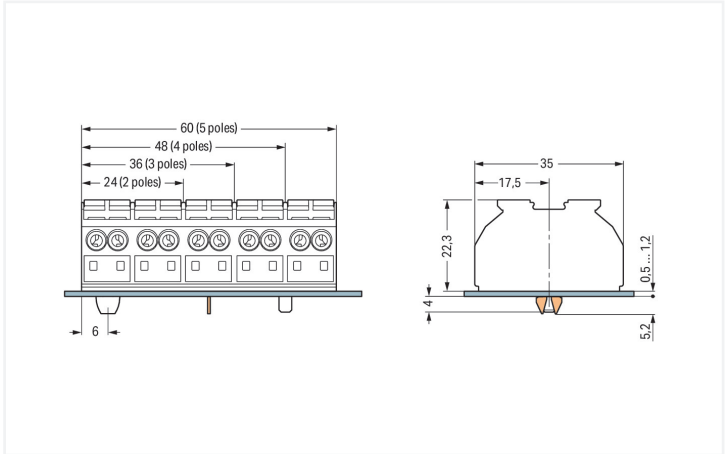
4-conductor chassis-mount terminal strip; without ground contact; N-PE-L1-L2; 4-pole; 4 mm<sup>2</sup>; white

<https://www.wago.com/862-2694>

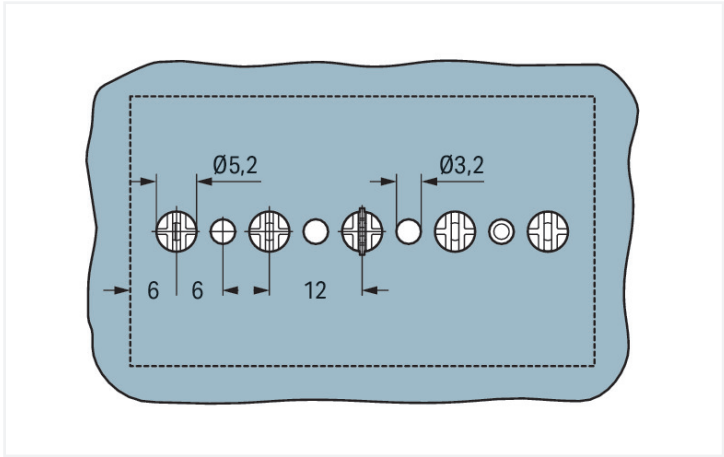


Color: white

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, with 12 mm pin spacing

This chassis-mount terminal strip (item number 862-2694) provides fault-free electrical installations. Conductors should only be connected to this chassis-mount terminal strip if their strip length is between 10 and 11 mm . Featuring conductor terminals along with Push-in CAGE CLAMP®, this connector outperforms the competition. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. The dimensions are (48 x 27.5 x 35) mm (width x height x depth). Depending on the type of conductor, this chassis-mount terminal strip is suitable for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 4 mm<sup>2</sup>.

| Electrical data                           |                                                           |                     |                   |
|-------------------------------------------|-----------------------------------------------------------|---------------------|-------------------|
| Ratings per IEC/EN                        |                                                           | General information |                   |
| Nominal voltage (III/3)                   | 500 V                                                     | Wiring direction    | Side-entry wiring |
| 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 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 60947      | NTR NL 6912                                                |
| CSA<br>DEKRA Certification B.V.          | C22.2 No. 158 | 1505030                                                    |
| ENEC 15<br>UL International Germany GmbH | EN 60998      | 143856-01                                                  |
| KEMA/KEUR<br>DEKRA Certification B.V.    | EN 60947      | 2146425.01                                                 |
| UL<br>UL International Germany GmbH      | UL 1059       | E45172                                                     |
|                                          |               | 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  |
|--------------------------------------------------|----------|-------------------|
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -        | TAE00001V2        |
| PRS<br>Polski Rejestr Statków                    | -        | TE/1094/880590/23 |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 862-2694

↓

Documentation

| Bid Text |            |                 |   |
|----------|------------|-----------------|---|
| 862-2694 | 19.02.2019 | xml<br>3.62 KB  | ↓ |
| 862-2694 | 13.06.2017 | doc<br>25.00 KB | ↓ |

CAD/CAE-Data

CAD data

2D/3D Models 862-2694

↓

CAE data

EPLAN Data Portal 862-2694

↓

WSCAD Universe 862-2694

↓

ZUKEN Portal 862-2694

↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>Item No.: 216-241</b><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</div> |  <div><b>Item No.: 216-141</b><br/>Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</div> |  <div><b>Item No.: 216-242</b><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</div> |  <div><b>Item No.: 216-142</b><br/>Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</div>                |
|  <div><b>Item No.: 216-243</b><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</div>     |  <div><b>Item No.: 216-143</b><br/>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</div>   |  <div><b>Item No.: 216-244</b><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</div> |  <div><b>Item No.: 216-144</b><br/>Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored</div> |



1.1.2 Jumper

1.1.2.1 Jumper



**Item No.: 862-482**  
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

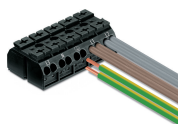
1.1.5 Tool

1.1.5.1 Operating tool



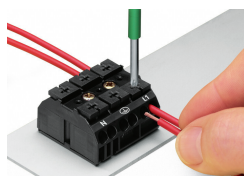
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

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 ferules 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**

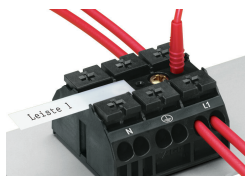
Terminating four conductors per pole – solid and fine-stranded.



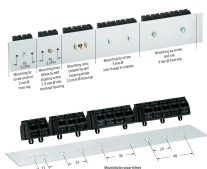
Inserting a conductor via push-button.

**Commoning**

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

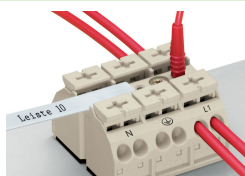


Testing with a 2 mm Ø test plug (max. 42 V).



Dimensions in mm

### Marking



### Marking by direct, one-side printing and marking strips