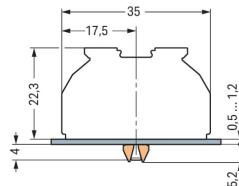
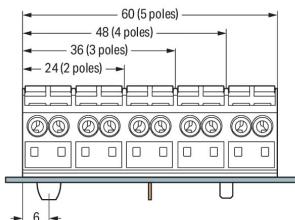




Color: white



Dimensions in mm

Dimensions in mm  
for chassis-mount terminal strips

## Electrical data

### Ratings per IEC/EN

|                               |  |
|-------------------------------|--|
| Nominal voltage (III/3)       | 500 V  |
| Rated impulse voltage (III/3) | 6 kV   |
| Rated current                 | 32 A   |
| Legend (ratings)              | (III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3 |

## Connection data

|                            |                    |
|----------------------------|--------------------|
| Connection points          | 8                  |
| Total number of potentials | 2                  |
| PE function                | without PE contact |

### Connection 1

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Push-button   |
| Connectable conductor materials                            | Copper  |
| Solid conductor  | 0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG   |
| Solid conductor; push-in termination                       | 0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG  |
| Stranded conductor   | 0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG   |
| Fine-stranded conductor                                    | 0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG   |
| Fine-stranded conductor; with insulated ferrule            | 0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG   |
| Fine-stranded conductor; with ferrule; push-in termination | 0.75 mm <sup>2</sup> / 18 AWG   |
| Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length   | 10 ... 11 mm / 0.39 ... 0.43 inches   |
| Pole number  | 2   |
| Wiring direction   | Side-entry wiring   |

**Physical data**

|                         |                        |
|-------------------------|------------------------|
| Pin spacing             | 12 mm / 0.472 inches   |
| Width                   | 24 mm / 0.945 inches   |
| Height from the surface | 22.3 mm / 0.878 inches |
| Depth                   | 35 mm / 1.378 inches   |

**Mechanical data**

|               |             |
|---------------|-------------|
| Marking       | plain       |
| Mounting type | Screw mount |

**Material data**

|                             |  |
|-----------------------------|--|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | white  |
| Material group              | I  |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.263 MJ   |
| Halogen-free                | Yes  |
| Weight                      | 14.1 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)              | 500 pcs       |
| Packaging type        | Bag           |
| Country of origin     | DE            |
| GTIN                  | 4044918509428 |
| 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 |
|---------------------------------|----------|------------------|
| CCA<br>DEKRA Certification B.V. | EN 60947 | NTR NL 6912      |
| CCA<br>DEKRA Certification B.V. | EN 60947 | 2146425.01       |

| 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<br>GmbH | EN 60998      | 143856-01        |
| UL<br>UL International Germany<br>GmbH      | UL 1059       | E45172           |

## Approvals for marine applications



| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -        | TAE00001V2       |
| LR<br>Lloyds Register                            | EN 60947 | 91/20112 (E9)    |

## Downloads

## Environmental Product Compliance

## Compliance Search

Environmental Product Compliance 862-662



## Documentation

## Additional Information

Technical Section

pdf  
2240.62 KB

## Bid Text

|         |            |                 |   |
|---------|------------|-----------------|---|
| 862-662 | 19.02.2019 | xml<br>3.68 KB  |   |
| 862-662 | 12.06.2017 | doc<br>24.50 KB |  |

## CAD/CAE-Data

## CAD data

2D/3D Models 862-662



## CAE data

EPLAN Data Portal  
862-662WSCAD Universe  
862-662

ZUKEN Portal 862-662



## 1 Compatible Products

## 1.1 Optional Accessories

## 1.1.1 Ferrule

## 1.1.1.1 Ferrule



## Item No.: 216-241

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

## Item No.: 216-141

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

## Item No.: 216-242

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

## Item No.: 216-142

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

## 1.1.1 Ferrule



### Item No.: 216-243

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

### Item No.: 216-143

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

### Item No.: 216-244

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

### Item No.: 216-144

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; 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



### 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

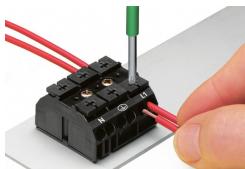


### Cost-effective features:

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 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.



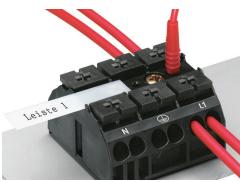
Inserting a conductor via push-button.

## Commoning

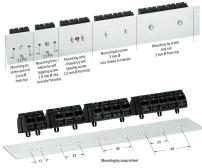


Commoning using a comb-style jumper bar (862-482).

## Testing

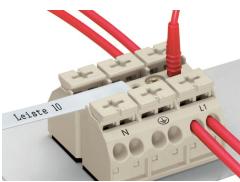


Testing with a 2 mm Ø test plug (max. 42 V).



Dimensions in mm

## Marking



Marking by direct, one-side printing and marking strips