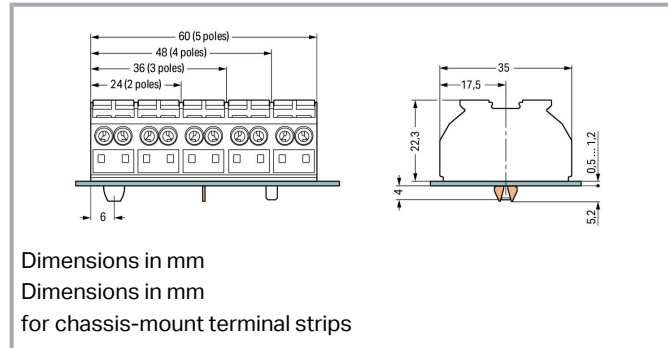


Data sheet | Item number: 862-1552

4-conductor chassis-mount terminal strip; without ground contact; L1-N; 2-pole; for 3 mm \varnothing screw and nut; with 2x pin; 4 mm²; 4,00 mm²; black

www.wago.com/862-1552



Data

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 |

Subject to changes. Please also observe the further product documentation!

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Connection 1

| | |
|--|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-button |
| Connectable conductor materials | Copper |
| Solid conductor | 0.5 ... 4 mm ² / 20 ... 12 AWG |
| Solid conductor; push-in termination | 0.75 ... 4 mm ² / 18 ... 12 AWG |
| Stranded conductor | 0.5 ... 4 mm ² / 20 ... 12 AWG |
| Fine-stranded conductor | 0.5 ... 4 mm ² / 20 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.5 ... 1.5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0.75 mm ² / 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 | L1-N |
| Mounting type | Screw mounting |
| Mounting type | |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | black |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.26 MJ |

Subject to changes. Please also observe the further product documentation!

| | |
|--------------|--------|
| Halogen-free | Yes |
| Weight | 13.8 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 |
| ECCN | NO DATA |
| PU (SPU) | 500 pcs |
| Packaging type | bag |
| Country of origin | DE |
| GTIN | 4044918509589 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Approvals / Certificates

General approvals



| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL 6912 |
|  | CCA DEKRA Certification B.V. | EN 60947 | 2146425.01 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 1505030 |
|  | ENEC 15 UL International Germany GmbH | EN 60998 | 143856-01 |
| | UL | UL 1059 | E45172 |

Subject to changes. Please also observe the further product documentation!





UL International Germany GmbH

Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
|  | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Approvals for marine applications

| Logo | Approval | Additional Approval Text | Certificate name |
|---|--|--------------------------|------------------|
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |
|  | LR Lloyds Register | EN 60947 | 91/20112 (E9) |

Optional accessories

Jumpers

Jumper



Item no.: 862-482

Jumper; for conductor entry; insulated; black

www.wago.com/862-482

Testing and measuring

Testing accessories



Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

www.wago.com/210-136

Ferrule

Ferrule

Subject to changes. Please also observe the further product documentation!

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| | | |
|---|---|--|
|  | Item no.: 216-142 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | www.wago.com/216-142 |
|  | Item no.: 216-143 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | www.wago.com/216-143 |
|  | Item no.: 216-141 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | www.wago.com/216-141 |
|  | Item no.: 216-144 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored | www.wago.com/216-144 |
|  | Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | www.wago.com/216-241 |
|  | Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-242 |
|  | Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-243 |
|  | Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | www.wago.com/216-244 |

Tool

Operating tool



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

www.wago.com/210-720

Marking accessories

Marking strip



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

www.wago.com/709-178



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

www.wago.com/709-177

Downloads

Documentation

Bid Text

862-1552

Subject to changes. Please also observe the further product documentation!

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| | | | |
|-------------------------------|--------------|----------------|----------|
| X81 - Datei | 2019 年2月19 日 | xml 3.8 kB | Download |
| 862-1552 doc - Datei | 2017 年6月12 日 | doc 25.1 kB | Download |
| Additional Information | | pdf 2.3 MB | Download |

CAD/CAE-Data

CAD data

| | | |
|-----------------------|-----|----------|
| 2D/3D Models 862-1552 | URL | Download |
|-----------------------|-----|----------|

CAE data

| | | |
|----------------------------|-----|----------|
| EPLAN Data Portal 862-1552 | URL | Download |
|----------------------------|-----|----------|

| | | |
|-----------------------|-----|----------|
| ZUKEN Portal 862-1552 | URL | Download |
|-----------------------|-----|----------|

| | | |
|-------------------------|-----|----------|
| WSCAD Universe 862-1552 | URL | Download |
|-------------------------|-----|----------|

Asset Administration Shell

| | | |
|-------------------------------------|-----|----------|
| Asset Administration Shell 862-1552 | URL | Download |
|-------------------------------------|-----|----------|

Environmental Product Compliance

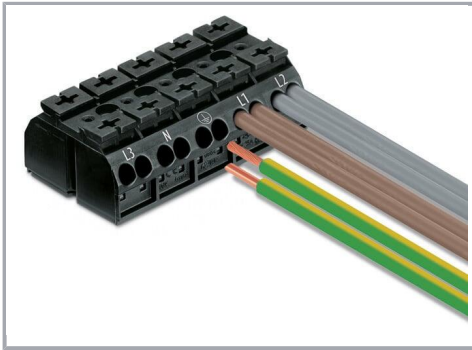
Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 862-1552 | URL | Download |
|---|-----|----------|

4-conductor chassis-mount terminal strip; without ground contact; L1-N; 2-pole; for 3 mm ø screw and nut; with 2x pin; 4 mm²; 4,00 mm²; black

Installation Notes

Subject to changes. Please also observe the further product documentation!



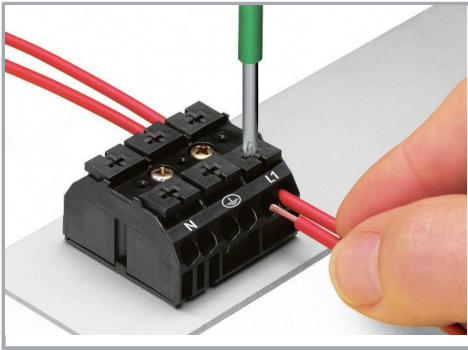
Cost-effective features:

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:

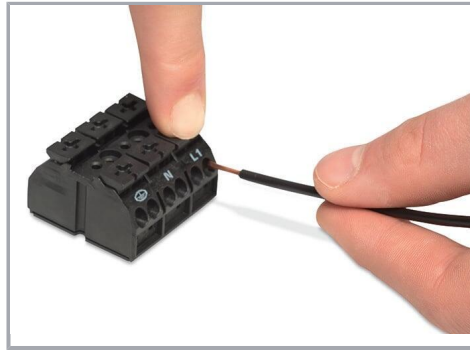
- Equipped with Push-in CAGE CLAMP®, the 862 Series connects up to four conductors sized 0.5 to 4 mm² (20 ... 12 AWG). Due to multiple connection points per pole, different conductor sizes can be used within the same terminal block position.
- For factory wiring, Push-in CAGE CLAMP® Connection Technology allows solid conductors, fine-stranded conductors with ferrules or ultrasonically bonded conductors from 0.5 ... 4 mm² (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

Subject to changes. Please also observe the further product documentation!



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



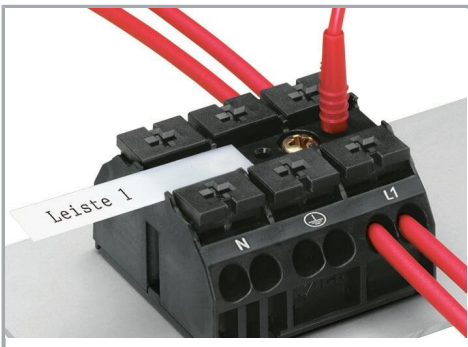
Inserting a conductor via push-button.

Commoning



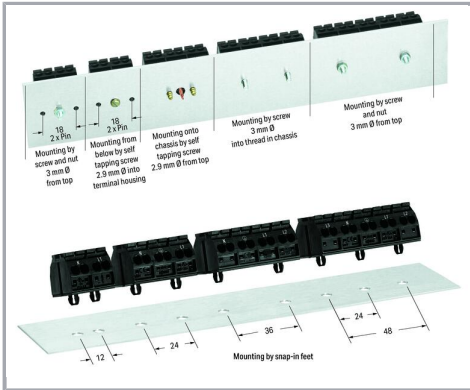
Commoning using a comb-style jumper bar (862-482).

Testing



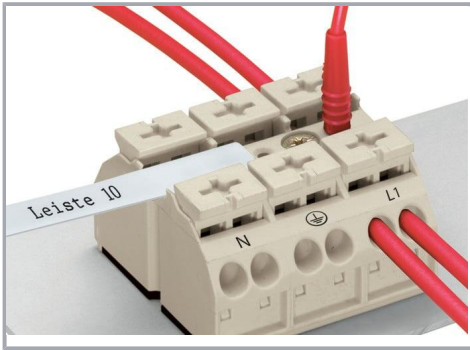
Testing with a 2 mm Ø test plug (max. 42 V).

Subject to changes. Please also observe the further product documentation!



Dimensions in mm

Marking



Marking by direct, one-side printing and marking strips

Subject to changes. Please also observe the further product documentation!

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