

## Data sheet | Item number: 862-1633/999-950

4-conductor chassis-mount terminal strip; suitable for Ex e II applications; 3-pole; PE-N-L1; without ground contact; 1 snap-in foot per pole; 4 mm<sup>2</sup>



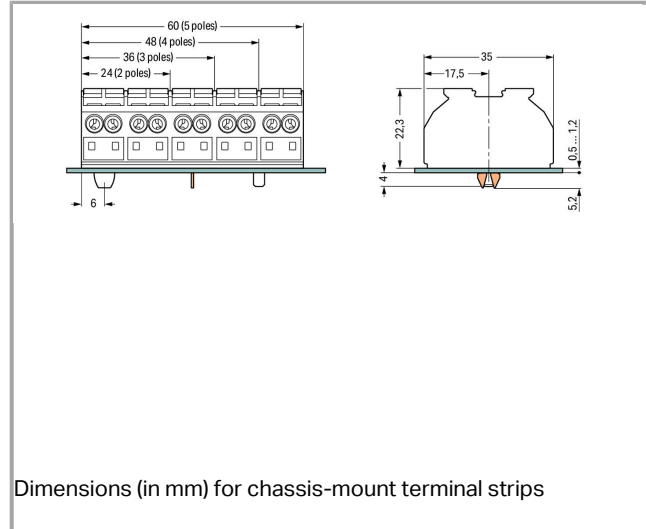
862-1633/999-950



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



Dimensions (in mm) for chassis-mount terminal strips

### Data

#### Electrical data

Rated voltage EN (Ex e II) 440 V

#### Ratings per IEC/EN 60664-1

Rated current 28 A

#### Connection data

Connection technology Push-in CAGE CLAMP®

Actuation type Operating tool  
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 ferrule with plastic collar | 0.5 ... 2.5 mm <sup>2</sup> / 20 ... 12 AWG   |
| Strip length   | 10 ... 11 mm / 0.39 ... 0.43 inch   |
| Note (conductor cross-section)                           | Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination. |
| No. of poles   | 3   |
| Total number of connection points                        | 12  |
| Total number of potentials                               | 3   |
| Type of wiring   | Side-entry wiring   |

### Geometrical Data

|                         |                      |
|-------------------------|----------------------|
| Pin spacing             | 12 mm / 0.472 inch   |
| Width                   | 36 mm / 1.417 inch   |
| Height from the surface | 22.3 mm / 0.878 inch |
| Depth                   | 35 mm / 1.378 inch   |

### Mechanical data

|               |                       |
|---------------|-----------------------|
| Mounting type | Snap-in mounting foot |
| Marking       | PE-N-L1               |

### Material Data



|           |          |
|-----------|----------|
| Color     | white    |
| Fire load | 0.396 MJ |
| Weight    | 20.752 g |

### Commercial data


|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4045454671167 |
| Customs Tariff No. | 85369010000   |

### Approvals / Certificates


#### Ex-Approvals

| Logo   | Approval  | Additional Approval Text | Certificate name                             |
|--|---|--------------------------|--|
|  | ATEX<br>Physikalisch Technische Bundesanstalt (PTB) | -                        | PTB 03<br>ATEX<br>1189 U (II<br>2 G Ex e II) |
|  | IECEX<br>Physikalisch Technische Bundesanstalt      | IEC 60079                | IECEX PTB<br>05.0003 U                       |

## Country specific Approvals

| Logo   | Approval                        | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2 No. 158            | 1505030          |

## Ship Approvals


| Logo  | Approval              | Additional Approval Text | Certificate name |
|---|-----------------------|--------------------------|------------------|
|  | LR<br>Lloyds Register | EN 60947                 | 91/20112<br>(E9) |

## Compatible products



## check

|  |  |         |
|--|--|---------|
|  | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable   | 210-136 |
|  | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable | 210-137 |

## tools

|  |   |         |
|--|---|---------|
|  | <b>Item no.: 210-720</b><br>Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | 210-720 |
|--|---|---------|


## Marking accessories








|  |  |         |
|--|--|---------|
|  | <b>Item no.: 709-177</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | 709-177 |
|  | <b>Item no.: 709-178</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | 709-178 |

## Jumper

|  |   |         |
|--|---|---------|
|  | <b>Item no.: 862-482</b><br>Comb-style jumper bar; for conductor entry; insulated; terminated conductor entry | 862-482 |
|--|---|---------|

## ferrule

|  |   |         |
|--|---|---------|
|  | <b>Item no.: 216-141</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | 216-141 |
|  | <b>Item no.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight   | 216-142 |

|  |   |         |
|--|---|---------|
|  | crimped; acc. to DIN 46228, Part 1/08.92  |         |
|  | <b>Item no.: 216-143</b><br>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   | 216-143 |
|  | <b>Item no.: 216-144</b><br>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 | 216-144 |
|  | <b>Item no.: 216-241</b><br>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   | 216-241 |
|  | <b>Item no.: 216-242</b><br>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  | 216-242 |
|  | <b>Item no.: 216-243</b><br>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     | 216-243 |
|  | <b>Item no.: 216-244</b><br>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   | 216-244 |

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**Additional Information**

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**CAD/CAE - Smart Data****CAD data**

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Subject to changes.