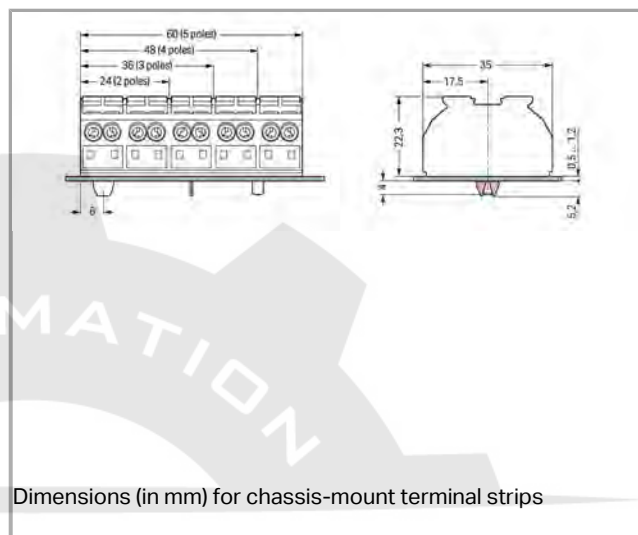


## Data sheet | Item number: 862-1594/999-950

4-conductor chassis-mount terminal strip; suitable for Ex e II applications; 4-pole; PE-N-L1-L2; without ground contact; 4 mm<sup>2</sup>



862-1594/999-950



RoHS  
Compliant ✓

BOMcheck.net

Color: ■

### 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<br>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                      | 4                                                                                                                                 |
| Total number of connection points | 16                                                                                                                                |
| Total number of potentials        | 4                                                                                                                                 |
| Type of wiring                    | Side-entry wiring                                                                                                                 |

## Geometrical Data

|                         |                      |
|-------------------------|----------------------|
| Pin spacing             | 12 mm / 0.472 inch   |
| Width                   | 48 mm / 1.89 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-L2            |

## Material Data

|           |          |
|-----------|----------|
| Color     | black    |
| Fire load | 0.505 MJ |
| Weight    | 27.37 g  |

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4045454804176 |
| 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

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

##### Jumper

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

##### Marking accessories

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

##### tools

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

##### ferrule

|                                                                                   |                                                                                                                                                                                 |         |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | Item no.: 216-141<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 |
|  | Item no.: 216-142<br>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 | 216-142 |
|                                                                                   | Item no.: 216-143                                                                                                                                                               |         |

|                                                                                 |                                                                                                                                               |         |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | Ferrule; Sleeve for 1 mm² / 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>                                                        |                                                                                                                                               |         |
|  | Ferrule; Sleeve for 1.5 mm² / 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>                                                        |                                                                                                                                               |         |
|  | Ferrule; Sleeve for 0.5 mm² / 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>                                                        |                                                                                                                                               |         |
|  | Ferrule; Sleeve for 0.75 mm² / 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>                                                        |                                                                                                                                               |         |
|  | Ferrule; Sleeve for 1 mm² / 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>                                                        |                                                                                                                                               |         |
|  | Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90   | 216-244 |

## Downloads

## Documentation

## Bid Text

|                  |                |          |
|------------------|----------------|----------|
| 862-1594/999-950 | doc<br>25.6 kB | Download |
|------------------|----------------|----------|

## Additional Information

|               |          |
|---------------|----------|
| pdf<br>2.1 MB | Download |
|---------------|----------|

## CAD/CAE - Smart Data

## CAD data

|                              |     |          |
|------------------------------|-----|----------|
| 3D Download 862-1594/999-950 | URL | Download |
|------------------------------|-----|----------|

Subject to changes.