

**Data sheet | Item number: 862-8533**

4-conductor chassis-mount terminal strip; 1 snap-in foot per pole; N-PE-L1;  
with ground contact; 3-pole

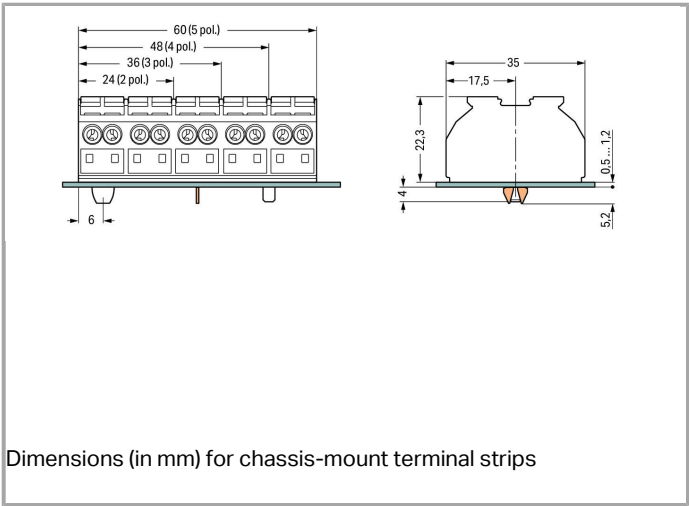
[www.wago.com/862-8533](http://www.wago.com/862-8533)



RoHS  
Compliant



Color: ■



**Data**  
**Electrical data**

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

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

**Connection data**

|                                      |                                |
|--------------------------------------|--------------------------------|
| Connection technology                | Push-in CAGE CLAMP®            |
| Actuation type                       | Operating tool<br>Push-button  |
| Connectable conductor materials      | Copper<br>Aluminum             |
| Solid conductor                      | 0.5 ... 4 mm² / 20 ... 12 AWG  |
| Solid conductor, push-in termination | 0.75 ... 4 mm² / 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 |
| Fine-stranded conductor with ferrule, push-in termination, from | 0.75 mm <sup>2</sup> / 18 AWG               |
| Strip length                                                    | 10 ... 11 mm / 0.39 ... 0.43 Inch           |
| 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       | N-PE-L1               |

### Material Data

|           |          |
|-----------|----------|
| Color     | black    |
| Fire load | 0.39 MJ  |
| Weight    | 21.275 g |

### Commercial data

|                    |               |
|--------------------|---------------|
| Packaging type     | bag           |
| Country of origin  | DE            |
| GTIN               | 4044918510417 |
| Customs Tariff No. | 85369010000   |

### Approvals / Certificates

#### Country specific Approvals

| Logo | Approval                        | Certificate name |
|------|---------------------------------|------------------|
|      | CCA<br>DEKRA Certification B.V. | NTR NL 6912      |
|      | CCA<br>DEKRA Certification B.V. | 2146425.01       |



**CSA**  
DEKRA Certification B.V.

1505030



**ENEC 15**  
UL International Germany GmbH

143856-01

#### Ship Approvals

| Logo                                                                             | Approval                     | Certificate name |
|----------------------------------------------------------------------------------|------------------------------|------------------|
|  | <b>LR</b><br>Lloyds Register | 91/20112 (E9)    |

#### UL-Approvals

| Logo                                                                               | Approval                                   | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------------|------------------|
|  | <b>UL</b><br>UL International Germany GmbH | E45172 sec. 39   |

#### Compatible products

##### Marking accessories

|                                                                                    |                                                                                                        |                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 709-177</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | <a href="http://www.wago.com/709-177">www.wago.com/709-177</a> |
|  | <b>Item no.: 709-178</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | <a href="http://www.wago.com/709-178">www.wago.com/709-178</a> |

##### check

|                                                                                    |                                                                    |                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable   | <a href="http://www.wago.com/210-136">www.wago.com/210-136</a> |
|  | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable | <a href="http://www.wago.com/210-137">www.wago.com/210-137</a> |

##### tools

|                                                                                    |                                                                                                         |                                                                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 210-720</b><br>Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

##### ferrule

|                                                                                   |                                                                                                                                                                                        |                                                                |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|    | <b>Item no.: 216-141</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92  | <a href="http://www.wago.com/216-141">www.wago.com/216-141</a> |
|    | <b>Item no.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | <a href="http://www.wago.com/216-142">www.wago.com/216-142</a> |
|    | <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    | <a href="http://www.wago.com/216-143">www.wago.com/216-143</a> |
|    | <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  | <a href="http://www.wago.com/216-144">www.wago.com/216-144</a> |
|    | <b>Item no.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |
|    | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90   | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a> |
|    | <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      | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a> |
|  | <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    | <a href="http://www.wago.com/216-244">www.wago.com/216-244</a> |

#### Jumper

|                                                                                    |                                                                                                               |                                                                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 862-482</b><br>Comb-style jumper bar; for conductor entry; insulated; terminated conductor entry | <a href="http://www.wago.com/862-482">www.wago.com/862-482</a> |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

#### Downloads

##### Documentation

##### Bid Text

|          |              |                |          |
|----------|--------------|----------------|----------|
| 862-8533 | Oct 19, 2017 | DOC<br>25.1 kB | Download |
|----------|--------------|----------------|----------|

#### smartDATA

##### CAD data

|                      |     |          |
|----------------------|-----|----------|
| 3D Download 862-8533 | URL | Download |
|----------------------|-----|----------|



Subject to changes.

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WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.