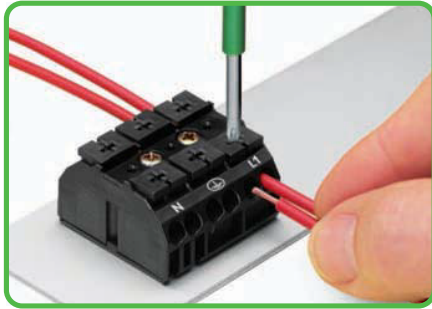


## 4-Conductor, Chassis-Mount Terminal Strips, 862 Series – Description and Handling –

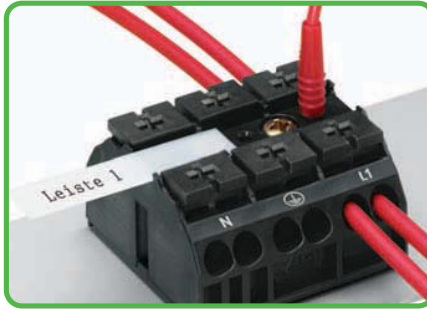
CAGE CLAMP®S

### Conductor termination



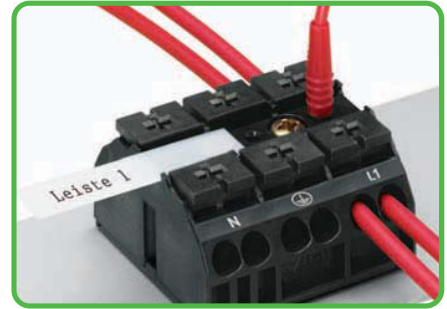
Four conductors per pole for solid and fine-stranded conductors

### Marking



Marking by direct, one-side printing and/or marker strips

### Testing



Testing with test plug 2 mm Ø.

### Ground contact (PE contact)

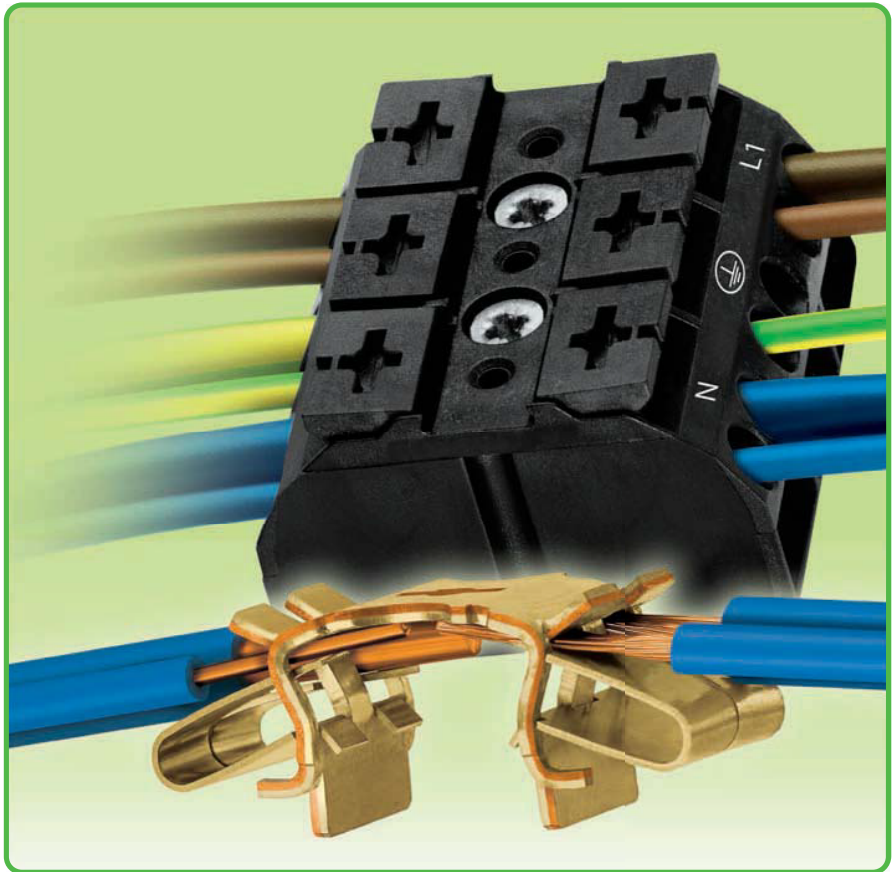


Makes an automatic contact to the mounting plate. The varnish coating is penetrated automatically.

### Commoning



Commoning with comb-style jumper bar



### Cost-effective features:

The 862 Series chassis-mount terminal strips were developed specifically to minimize wiring costs, while accommodating requirements for easy mounting, multiple connection points, marking and handling:

- The 862 Series equipped with CAGE CLAMP®S connects up to four conductors sized 0.5 mm<sup>2</sup> to 4 mm<sup>2</sup> (AWG 20 - 12). Due to multiple connection points per pole, different conductor sizes can be used within the same terminal block position.
- CAGE CLAMP®S termination technology allows solid conductors, fine-stranded conductors with ferrules or ultrasonically bonded conductors from 0.5 mm<sup>2</sup> to 4 mm<sup>2</sup> (AWG 20 - 12) to be connected by simply pushing the conductor into contact. (Length of bonded wire end min. 10 mm/0.39 in).

- Convenient automatic grounding contact available as an option.
- Snap-in mounting feet for fast assembly.
- Push-buttons for easy handling with an operating tool or by hand.
- Built-in test points simplify testing with test plug 2 mm Ø.
- Flexible marking options with standard marking (pre-marked), marker strip or custom marked for large quantity orders.

### CAGE CLAMP®S clamps the following copper conductors:\*

solid

stranded

fine-stranded, also with tinned single strands

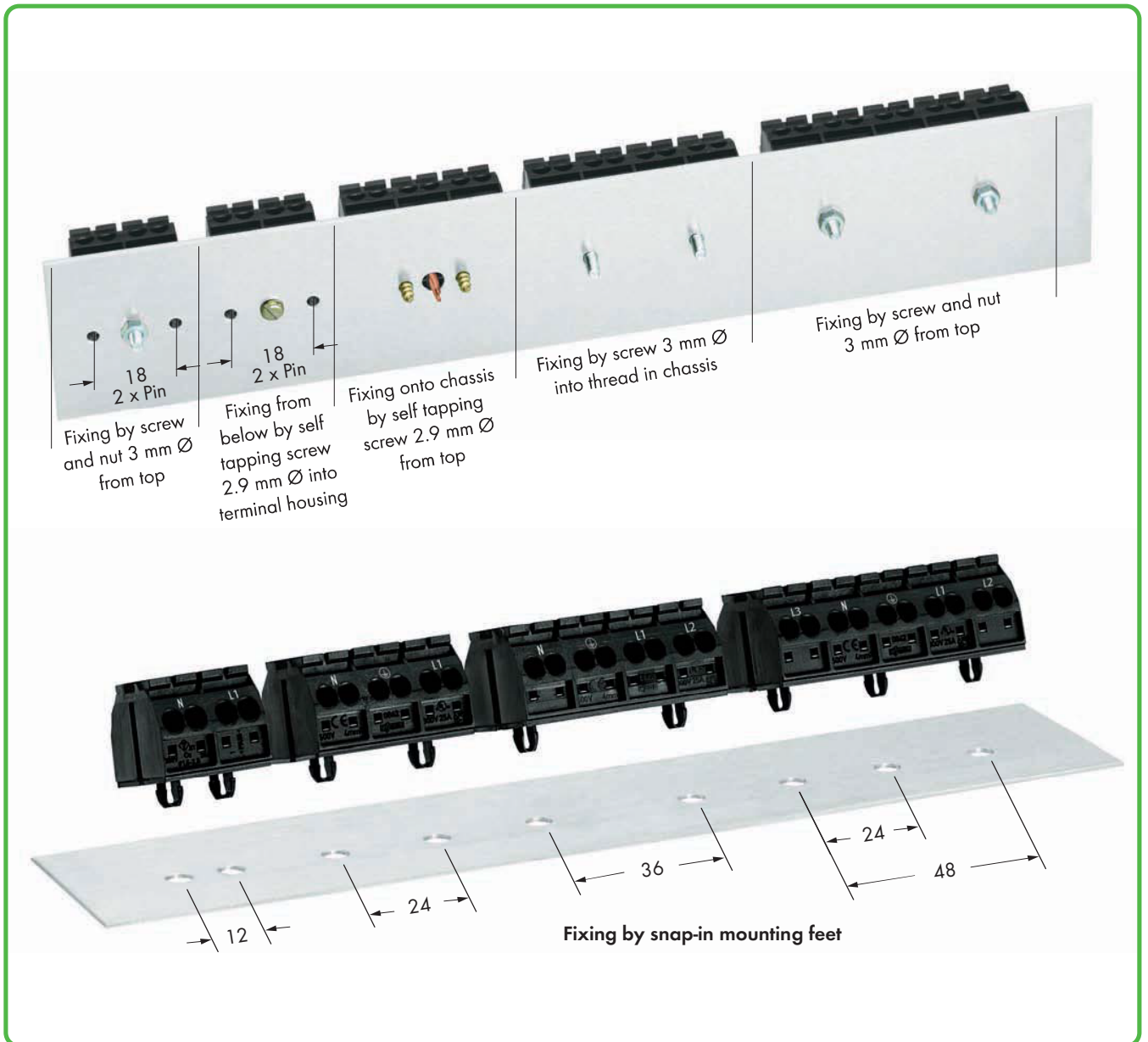
fine-stranded, tip-bonded

fine-stranded, with ferrule ① (gastight crimped)

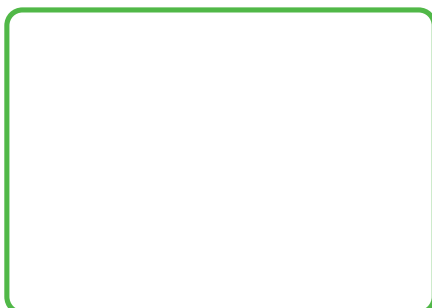
fine-stranded, with pin terminal (gastight crimped)

\* For aluminum conductors, see notes in Section 14.

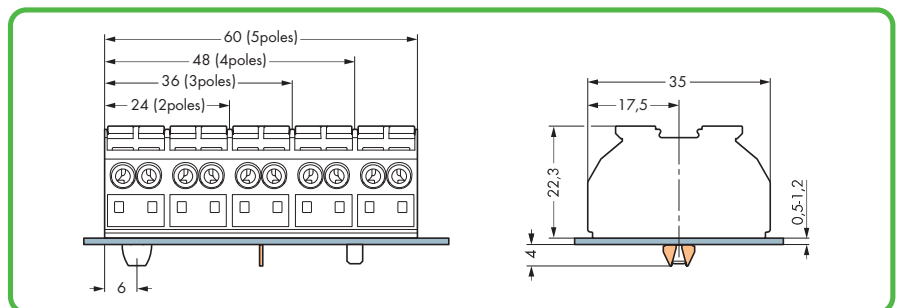
① When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.



Dimensions in mm

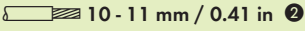
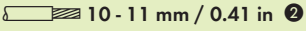


Dimensions in mm for ground contact and snap-in mounting foot 5.2 mm Ø.







Dimensions in mm for chassis-mount terminal strips

# 4-Conductor, Chassis-Mount Terminal Strips, 3-Pole, 4 mm<sup>2</sup>, 862 Series

0.5 - 4 mm <sup>2</sup> 500 V/6 kV/3 ① I <sub>N</sub> 32 A	AWG 20 - 12 300 V, 20 A ② 300 V, 20 A ③	0.5 - 4 mm <sup>2</sup> 500 V/6 kV/3 ① I <sub>N</sub> 32 A	AWG 20 - 12 300 V, 20 A ② 300 V, 20 A ③
 10 - 11 mm / 0.41 in ②		 10 - 11 mm / 0.41 in ②	



- ① 500 V = rated voltage  
6 kV = rated surge voltage  
3 = pollution degree  
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ Suitable for Ex e II applications  
440 V, 28 A  
(also see Section 14)

Item No.	Pack. Unit	Item No.	Pack. Unit	862 Series Accessories
<b>for mounting via screw and nut 3 mm Ø or for self-tapping screw 2.9 mm Ø from top,</b>		<b>for mounting via screw and nut 3 mm Ø or for self-tapping screw 2.9 mm Ø from top,</b>		
3-pole, black		3-pole, white		<b>Comb-style jumper bar,</b> simply push into the conductor entry hole I <sub>N</sub> 32 A <b>862-482</b> 5
● N-PE-L1, without PE contact	<b>862-2503</b> 250	○ N-PE-L1, without PE contact	<b>862-2603</b> 250	<b>Test plug,</b>  with 500 mm cable, 2 mm Ø red <b>210-136</b> 50
● PE-N-L1, without PE contact	<b>862-1503</b> 250	○ PE-N-L1, without PE contact	<b>862-1603</b> 250	<b>Test plug,</b>  with 500 mm cable, 2.3 mm Ø yellow <b>210-137</b> 50
● PE-N-L1 ⊕, without PE contact	<b>862-1503/999-950</b> ③ 250	○ PE-N-L1 ⊕, without PE contact	<b>862-1603/999-950</b> ③ 250	<b>Marking strip, plain,</b>  7.5 mm wide, 50 m roll white <b>709-178</b> 1
● plain, without PE contact	<b>862-503</b> 250	○ plain, without PE contact	<b>862-603</b> 250	<b>Operating tool with partially insulated shaft,</b>  type 2, (3.5 x 0.5) mm blade <b>210-720</b> 1
● N-PE-L1, with PE contact	<b>862-8503</b> 250	○ N-PE-L1, with PE contact	<b>862-8603</b> 250	
● PE-N-L1, with PE contact	<b>862-9503</b> 250	○ PE-N-L1, with PE contact	<b>862-9603</b> 250	
<b>via 1 snap-in foot per pole,</b>		<b>via 1 snap-in foot per pole,</b>		
3-pole, black		3-pole, white		
● N-PE-L1, without PE contact	<b>862-2533</b> 250	○ N-PE-L1, without PE contact	<b>862-2633</b> 250	
● PE-N-L1, without PE contact	<b>862-1533</b> 250	○ PE-N-L1, without PE contact	<b>862-1633</b> 250	
● PE-N-L1 ⊕, without PE contact	<b>862-1533/999-950</b> ③ 250	○ PE-N-L1 ⊕, without PE contact	<b>862-1633/999-950</b> ③ 250	
● plain, without PE contact	<b>862-533</b> 250	○ plain, without PE contact	<b>862-633</b> 250	
● N-PE-L1, with PE contact	<b>862-8533</b> 250	○ N-PE-L1, with PE contact	<b>862-8633</b> 250	
● PE-N-L1, with PE contact	<b>862-9533</b> 250	○ PE-N-L1, with PE contact	<b>862-9633</b> 250	
<b>snap-in feet at pos. 1+3,</b>		<b>snap-in feet at pos. 1+3,</b>		
3-pole, black		3-pole, white		
● N-PE-L1, without PE contact	<b>862-2593</b> 250	○ N-PE-L1, without PE contact	<b>862-2693</b> 250	
● PE-N-L1, without PE contact	<b>862-1593</b> 250	○ PE-N-L1, without PE contact	<b>862-1693</b> 250	
● PE-N-L1 ⊕, without PE contact	<b>862-1593/999-950</b> ③ 250	○ PE-N-L1 ⊕, without PE contact	<b>862-1693/999-950</b> ③ 250	
● plain, without PE contact	<b>862-593</b> 250	○ plain, without PE contact	<b>862-693</b> 250	
● N-PE-L1, with PE contact	<b>862-8593</b> 250	○ N-PE-L1, with PE contact	<b>862-8693</b> 250	
● PE-N-L1, with PE contact	<b>862-9593</b> 250	○ PE-N-L1, with PE contact	<b>862-9693</b> 250	

For list of approvals and user guide, see pages 634 to 637.