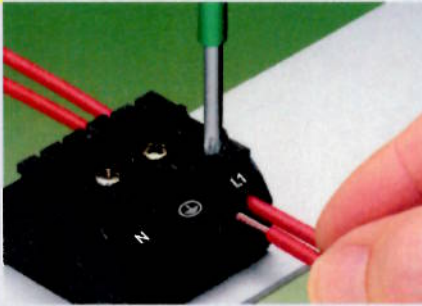


10 4-Conductor Terminal Strips with CAGE CLAMP®S connection . . . Description and Handling – Series 862

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Conductor connection



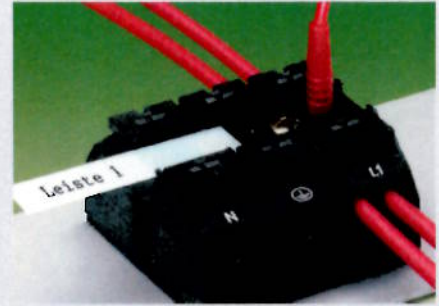
4 conductors per pole
- for solid and flexible conductors
- mixed wiring with solid and flexible
conductors of different wire sizes

Marking



Marking
by direct printing
and/or marker strips

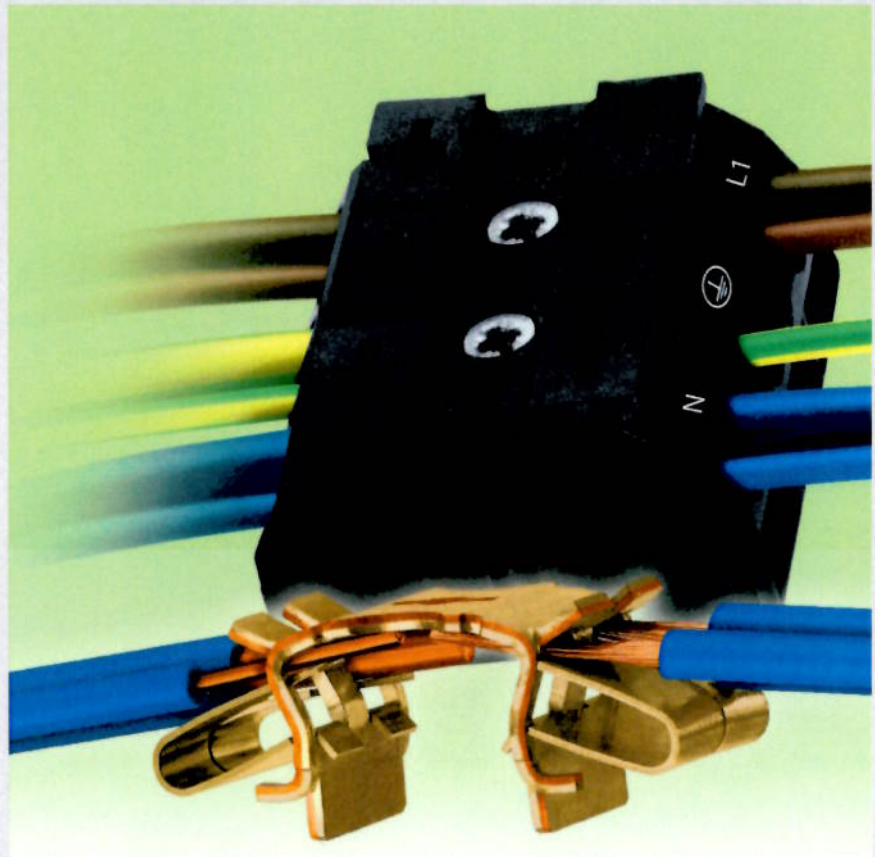
Testing



Testing with
test plug 2 mm / 0.079 in Ø



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



Features and Advantages

This new connector series has been developed specifically to **minimize the connection costs** of electrical devices. At the same time, the requirement for flexible assembly, for numerous electrical connection options and for easy handling were part of the development.

- The new CAGE CLAMP®S allows the connection of up to four conductors with wire sizes from 0.5 mm² to 4 mm²/AWG 20 to 12. Different cross sections can be used within one connector.
- For factory wiring, CAGE CLAMP®S allows the direct insertion of solid conductors or flexible conductors with crimped ferrules* or ultrasonically bonded wire ends from 0.5 mm² up to 4 mm²/AWG 20 to 12. (Length of bonded wire end min. 7 mm / 0.276 in)
- Automatic grounding contact available as an option.
- Snap-in mounting feet for fast assembly
- Push-buttons for easy handling with a commercially available screwdriver or by hand.
- Direct testing with test plug 2 mm / 0.079 in Ø
- Standard marking per pole or, for large quantities, in accordance with customer's specification.

CAGE CLAMP®S clamps the following copper wires: *



solid



stranded



fine-stranded



tip-bonded

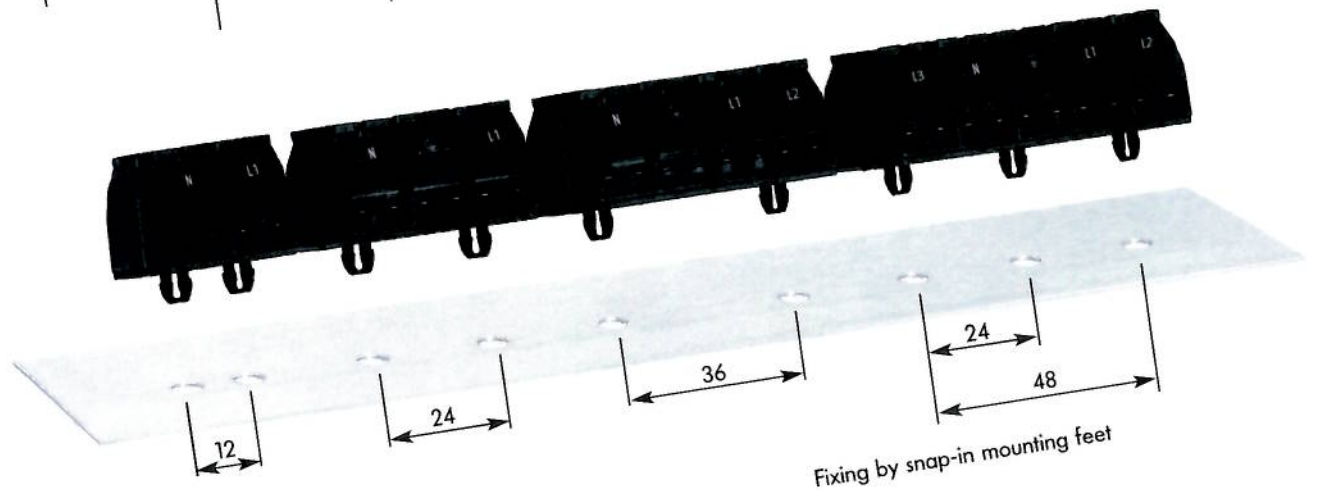
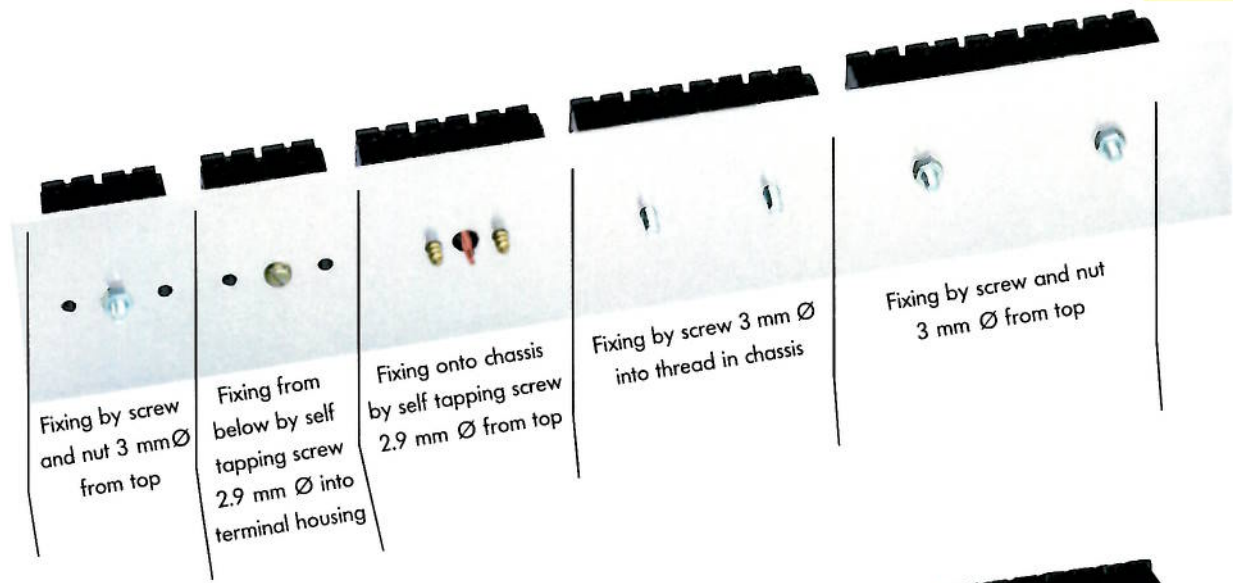


with crimped ferrule**

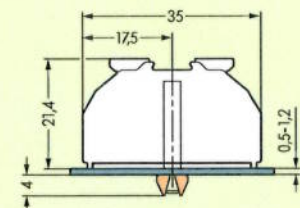
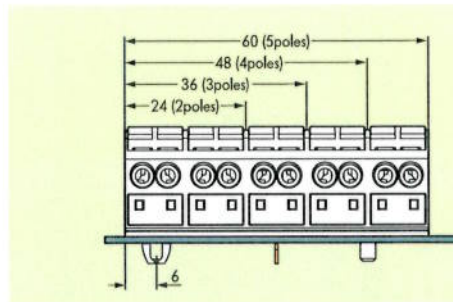
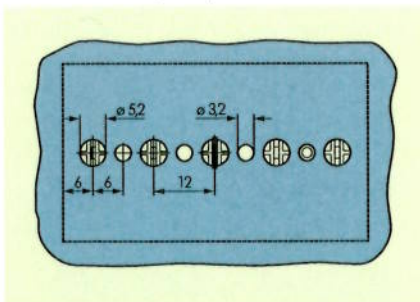
* For aluminum wire see notes in section 15!

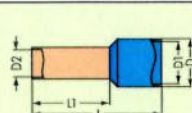
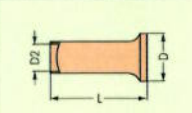
** When using wires with ferrules, it is necessary to use a terminal block one size larger than the nominal cross section of the wire.

Fixing Options









Dimensions (in mm)



Ferrules		Sleeve for mm ²	AWG	Color	Stripped length mm	L	L1	D mm	D1	D2	Item No.	Pack.-unit pcs
	Insulated ferrules	0.5	22	white	12.0	16.0	10.0	3.1	2.6	1.0	216-241	1000
		0.75	20	grey	12.0	16.0	10.0	3.3	2.8	1.2	216-242	1000
		1.0	18	red	12.0	16.0	10.0	3.5	3.0	1.4	216-243	1000
		1.5	16	black	12.0	16.0	10.0	4.0	3.5	1.7	216-244	1000
	Uninsulated ferrules	0.5	22		10	10		2.1		1.0	216-141	1000
		0.75	20		10	10		2.3		1.2	216-142	1000
		1.0	18		10	10		2.5		1.4	216-143	1000
		1.5	16		10	10		2.8		1.7	216-144	1000

4-Conductor Device Connectors, 2 and 3 pole, 4 mm²/ AWG 12 with Unique Cost-Cutting Features Series 862

<p>4 x 0.5 – 4 mm² 500 V/6 kV/3 32 A</p> <p> 10 – 11 mm / 0.41 in</p> <p>*  ENEC</p>	<p>4 x AWG 20 – 12 300/600 V, 20/5 A </p>	<p>4 x 0.5 – 4 mm² 500 V/6 kV/3 32 A</p> <p> 10 – 11 mm / 0.41 in</p> <p>*  ENEC</p>	<p>4 x AWG 20 – 12 300/600 V, 20/5 A </p>
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2 poles









3 poles

Available in black or white

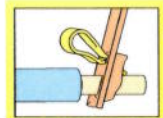
	without ground/earth contact	with ground/earth contact	Item No. black	Item No. white	Pack.-unit pcs	Item No. black	Item No. white	Pack.-unit pcs
for fixing screw 3 mm/0.118 in Ø or f. self tapping screw 2.9 mm/0.114 in Ø from top								
without marking								
			862-0552	862-0652	500			
			862-1552	862-1652	500			
			862-2552	862-2652	500			
f. self tapping screw 2.9 mm/0.114 in Ø from below								
without marking								
			862-0562	862-0662	500			
			862-1562	862-1662	500			
			862-2562	862-2662	500			
1 snap-in foot per pole								
without marking								
			862-0532	862-0632	500			
			862-1532	862-1632	500			
			862-2532	862-2632	500			
for fixing screw 3 mm/0.118 in Ø or f. self tapping screw 2.9 mm/0.114 in Ø from top								
without marking								
						862-0503	862-0603	250
						862-1503	862-1603	250
						862-2503	862-2603	250
						862-8503	862-8603	250
						862-9503	862-9603	250
1 snap-in foot per pole								
without marking								
						862-0533	862-0633	250
						862-1533	862-1633	250
						862-2533	862-2633	250
						862-8533	862-8633	250
						862-9533	862-9633	250
snap-in feet at pos. 1+3								
without marking								
						862-0593	862-0693	250
						862-1593	862-1693	250
						862-2593	862-2693	250
						862-8593	862-8693	250
						862-9593	862-9693	250

Accessories DIN rail mounting of 862 Series see accessories page 10.26

<p>Comb type jumper bar, can easily be inserted into the wire entry, 32 A</p> <p> 862-482 5</p>	<p>Test plug, with cable 500 mm/177"</p> <p> 2 mm/0.079 in Ø, red 210-136 50 (5 x 10)</p>	<p>Test plug, with cable 500 mm/177"</p> <p> 2.3 mm/0.091 in Ø, yellow 210-137 50 (5 x 10)</p>
<p>Screwdriver, with partially insulated shaft (3.5 x 0.5) mm</p> <p> 210-620 1</p>	<p>Marker strip, white, plain, for central marking; 75 mm wide, on roll, 50 m long</p> <p> 709-178 1</p>	<p>Marker strip, white, plain, for central marking; 75 mm wide, on roll, 300 m long</p> <p> 709-188 1</p>

* For further approvals with corresponding ratings see section 15.

4-Conductor Device Connectors, 4 and 5 pole, 4 mm²/ AWG 12 with Unique Cost-Cutting Features Series 862

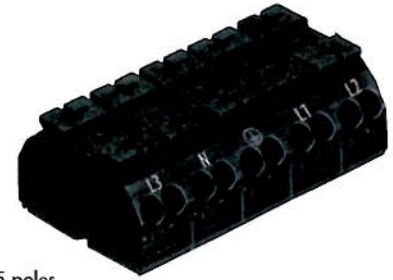
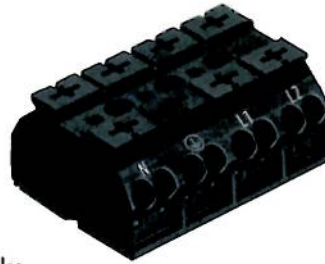


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43

	4 x 0.5 – 4 mm² 500 V/6 kV/3 32 A	4 x AWG 20 – 12 300/600 V, 20/5 A \mathbb{N} @	4 x 0.5 – 4 mm² 500 V/6 kV/3 32 A	4 x AWG 20 – 12 300/600 V, 20/5 A \mathbb{N} @
	10 – 11 mm / 0.41 in		10 – 11 mm / 0.41 in	
	* \mathbb{N} @ ENEC		* \mathbb{N} @ ENEC	



4 poles



5 poles

Available in black or white

	without ground/earth contact	with ground/earth contact	Item No. black	Item No. white	Pack.-unit pcs	Item No. black	Item No. white	Pack.-unit pcs
for fixing screw 3 mm/0.118 in Ø or f. self tapping screw 2.9 mm/0.114 in Ø from top								
without marking								
⊕-N-L1-L2								
N-⊕-L1-L2								
N-⊕-L1-L2								
⊕-N-L1-L2								
⊕-N-L1-L2								
1 snap-in foot per pole								
without marking								
⊕-N-L1-L2								
N-⊕-L1-L2								
N-⊕-L1-L2								
⊕-N-L1-L2								
⊕-N-L1-L2								
snap-in feet at pos. 1+4								
without marking								
⊕-N-L1-L2								
N-⊕-L1-L2								
N-⊕-L1-L2								
⊕-N-L1-L2								
⊕-N-L1-L2								
for fixing screw 3 mm/0.118 in Ø or f. self tapping screw 2.9 mm/0.114 in Ø from top								
without marking								
⊕-N-L1-L2-L3								
L3-N-⊕-L1-L2								
L3-N-⊕-L1-L2								
⊕-N-L1-L2-L3								
⊕-N-L1-L2-L3								
1 snap-in foot per pole								
without marking								
⊕-N-L1-L2-L3								
L3-N-⊕-L1-L2								
L3-N-⊕-L1-L2								
⊕-N-L1-L2-L3								
⊕-N-L1-L2-L3								
snap-in feet at pos. 1+3+5								
without marking								
⊕-N-L1-L2-L3								
L3-N-⊕-L1-L2								
L3-N-⊕-L1-L2								
⊕-N-L1-L2-L3								
⊕-N-L1-L2-L3								

Accessories DIN rail mounting of 862 Series see accessories page 10.26

Comb type jumper bar, can easily be inserted into the wire entry, 32 A
862-482 5

Test plug, with cable 500 mm/177"
 2 mm/0.079 in Ø, red
210-136 50 (5 x 10)

Test plug, with cable 500 mm/177"
 2.3 mm/0.091 in Ø, yellow
210-137 50 (5 x 10)

Screwdriver, with partially insulated shaft (3.5 x 0.5) mm
210-620 1

Marker strip, white, plain, for central marking; 7.5 mm wide, on roll, 50 m long
709-178 1

Marker strip, white, plain, for central marking; 7.5 mm wide, on roll, 300 m long
709-188 1

* For further approvals with corresponding ratings see section 15.