



# Power Supply Connectors for Lighting and Equipment



## Power Supply Connectors for Lighting and Equipment

294 Series

12



## Dividable Terminal Strips and Compact Terminal Blocks

272 Series

28

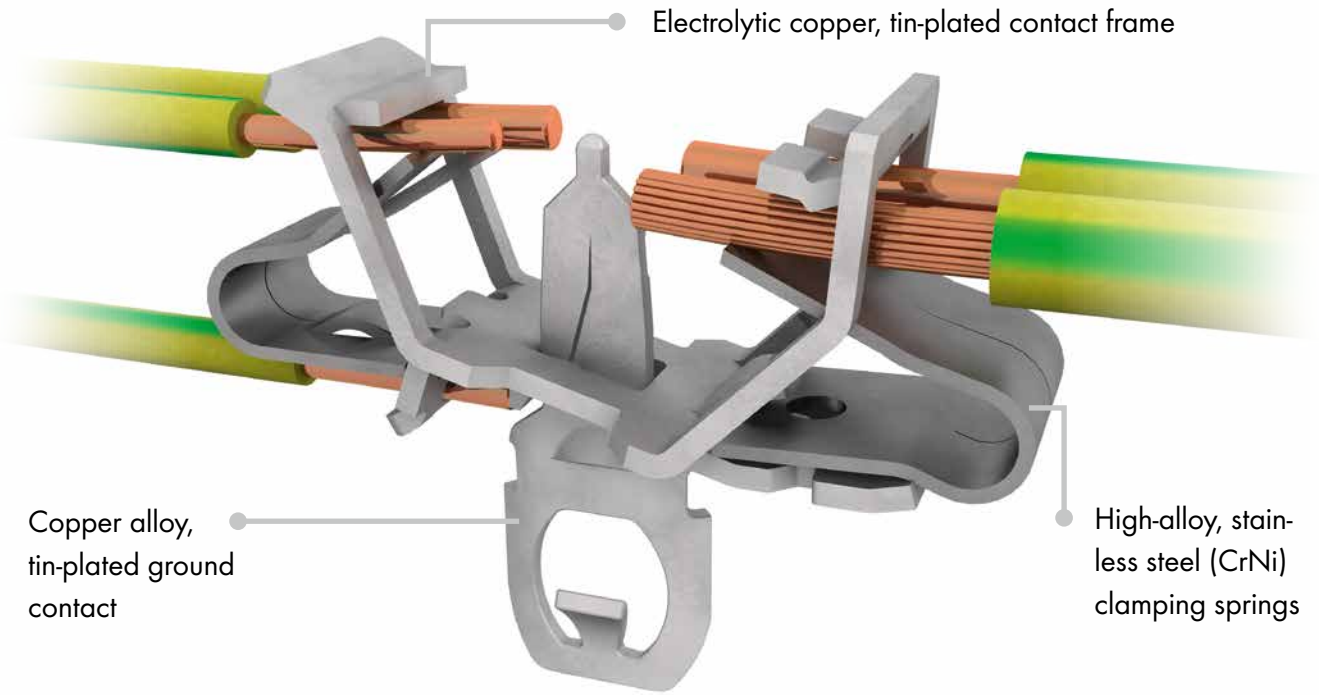


## 4-Conductor, Chassis-Mount Terminal Strips

862 Series

32

Contact Technology:



**Internal connection:**

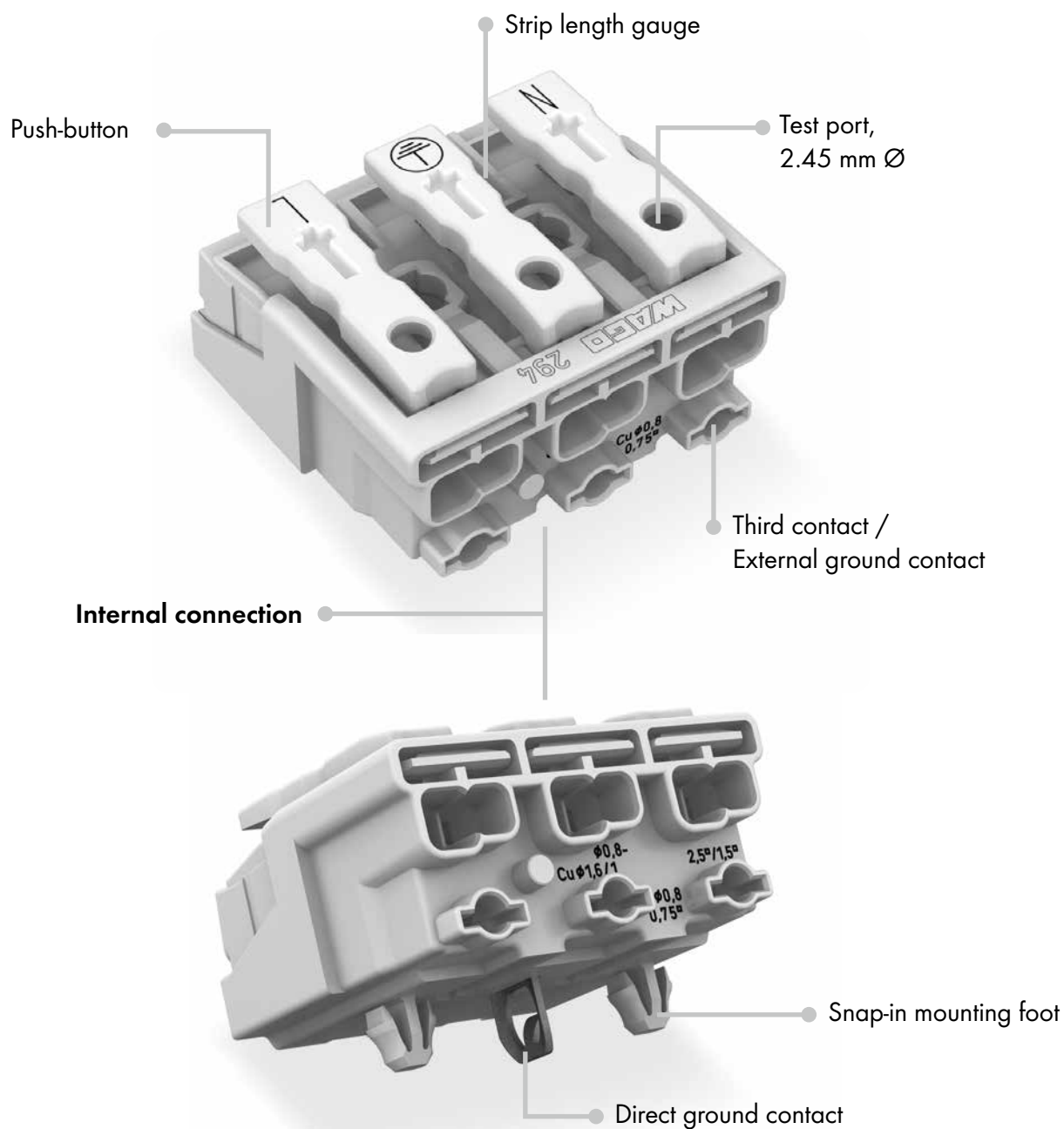
PUSH WIRE® for internal wiring with solid conductors.

|   |
|---|
| <b>EUROPE</b>                           |
| 1 x 0.5 ... 2.5 mm <sup>2</sup> "sol."  |
| 1 x 0.5 ... 1.5 mm <sup>2</sup> "sol."  |
| 1 x 0.5 ... 0.75 mm <sup>2</sup> "sol." |
| <b>AMERICA</b>                          |
| 1 x AWG 18 ... 14 "sol."                |
| 1 x AWG 18 ... 16 "sol."                |
| 1 x AWG 18 "sol."                       |
| <b>JAPAN</b>                            |
| 1 x 0.8 ... 1.6 mm $\phi$ "sol."        |
| 1 x 0.8 ... 1.0 mm $\phi$ "sol."        |
| 1 x 0.8 mm $\phi$ "sol."                |

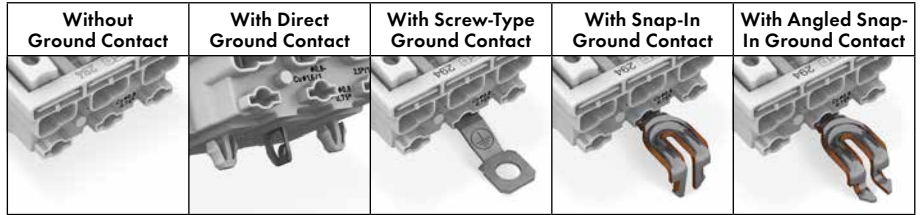
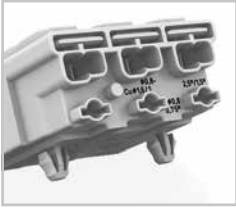
**External connection:**


Push-in CAGE CLAMP® for power supply connections for all conductor types.


|  |
|--|
| <b>EUROPE</b>  |
| 2 x 0.5 ... 2.5 mm <sup>2</sup> "sol., str., f-str." |
|  |
| <b>AMERICA</b>                                       |
| 2 x AWG 18 ... 12 "sol."                             |
| 2 x AWG 18 ... 14 "str., f-str."                     |
|  |
| <b>JAPAN</b>   |
| 2 x 0.8 ... 2.0 mm $\phi$ "sol."                     |
| 2 x 0.5 ... 2.0 mm <sup>2</sup> "str., f-str."       |
|  |





# 294 Series With Two Snap-In Mounting Feet



| Pole No.   | Marking | Item No. | Item No. | Item No. | Item No. | Item No. |
|--|---------|----------|----------|----------|----------|----------|
| 2<br> | without | 294-5002 | - - -    | - - -    | - - -    | - - -    |
|  | N L     | 294-5012 | - - -    | - - -    | - - -    | - - -    |
|  | N' L'   | 294-5022 | - - -    | - - -    | - - -    | - - -    |
|  | DA- DA+ | 294-5032 | - - -    | - - -    | - - -    | - - -    |
|  | - +     | 294-5072 | - - -    | - - -    | - - -    | - - -    |
|  | 1 N     | 294-5052 | - - -    | - - -    | - - -    | - - -    |
|  | 2 1     | 294-5042 | - - -    | - - -    | - - -    | - - -    |

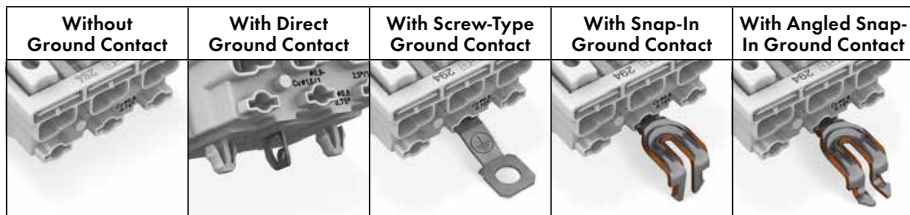
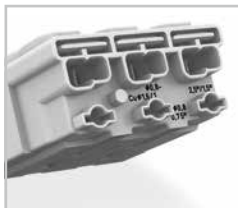
|  |         |          |          |          |          |          |
|--|---------|----------|----------|----------|----------|----------|
| 3<br> | without | 294-5003 | - - -    | - - -    | - - -    | - - -    |
|  | N ⊕ L   | 294-5013 | 294-5113 | 294-5413 | 294-5213 | 294-5313 |
|  | N' ⊕ L' | 294-5023 | 294-5123 | 294-5423 | 294-5223 | 294-5323 |
|  | 1 ⊕ N   | 294-5053 | 294-5153 | 294-5453 | 294-5253 | 294-5353 |
|  | 3 2 1   | 294-5043 | - - -    | - - -    | - - -    | - - -    |


|  |              |          |          |          |          |          |
|--|--------------|----------|----------|----------|----------|----------|
| 4<br> | without      | 294-5004 | - - -    | - - -    | - - -    | - - -    |
|  | 1/L' 2/L ⊕ N | 294-5024 | 294-5124 | 294-5424 | 294-5224 | 294-5324 |
|  | 1 2 ⊕ N      | 294-5014 | 294-5114 | 294-5414 | 294-5214 | 294-5314 |
|  | 4 3 2 1      | 294-5044 | - - -    | - - -    | - - -    | - - -    |


|  |               |          |          |          |          |          |
|--|---------------|----------|----------|----------|----------|----------|
| 5<br> | without       | 294-5005 | - - -    | - - -    | - - -    | - - -    |
|  | L3 L2 L1 ⊕ N  | 294-5015 | - - -    | 294-5415 | 294-5215 | 294-5315 |
|  | L' N' L ⊕ N   | 294-5025 | - - -    | 294-5425 | 294-5225 | 294-5325 |
|  | DA+ DA- L ⊕ N | 294-5035 | - - -    | 294-5435 | 294-5235 | 294-5335 |
|  | DA- N ⊕ L DA+ | 294-5075 | 294-5175 | 294-5475 | 294-5275 | 294-5375 |
|  | 3 N ⊕ 1 2     | 294-5055 | 294-5155 | 294-5455 | 294-5255 | 294-5355 |
|  | 5 4 3 2 1     | 294-5045 | - - -    | - - -    | - - -    | - - -    |





# 294 Series Without Snap-In Mounting Feet





| Pole No.   | Marking | Item No. | Item No. | Item No. | Item No. | Item No. |
|--|---------|----------|----------|----------|----------|----------|
| 2<br> | without | 294-4002 | - - -    | - - -    | - - -    | - - -    |
|  | N L     | 294-4012 | - - -    | - - -    | - - -    | - - -    |
|  | N' L'   | 294-4022 | - - -    | - - -    | - - -    | - - -    |
|  | DA- DA+ | 294-4032 | - - -    | - - -    | - - -    | - - -    |
|  | - +     | 294-4072 | - - -    | - - -    | - - -    | - - -    |
|  | 1 N     | 294-4052 | - - -    | - - -    | - - -    | - - -    |
|  | 2 1     | 294-4042 | - - -    | - - -    | - - -    | - - -    |

|  |         |          |       |          |          |          |
|--|---------|----------|-------|----------|----------|----------|
| 3<br> | without | 294-4003 | - - - | - - -    | - - -    | - - -    |
|  | N ⊕ L   | 294-4013 | - - - | 294-4413 | 294-4213 | 294-4313 |
|  | N' ⊕ L' | 294-4023 | - - - | 294-4423 | 294-4223 | 294-4323 |
|  | 1 ⊕ N   | 294-4053 | - - - | 294-4453 | 294-4253 | 294-4353 |
|  | 3 2 1   | 294-4043 | - - - | - - -    | - - -    | - - -    |

|  |              |          |       |          |          |          |
|--|--------------|----------|-------|----------|----------|----------|
| 4<br> | without      | 294-4004 | - - - | - - -    | - - -    | - - -    |
|  | 1/L' 2/L ⊕ N | 294-4024 | - - - | 294-4424 | 294-4224 | 294-4324 |
|  | 1 2 ⊕ N      | 294-4014 | - - - | 294-4414 | 294-4214 | 294-4314 |
|  | 4 3 2 1      | 294-4044 | - - - | - - -    | - - -    | - - -    |

|  |               |          |       |          |          |          |
|--|---------------|----------|-------|----------|----------|----------|
| 5<br> | without       | 294-4005 | - - - | - - -    | - - -    | - - -    |
|  | L3 L2 L1 ⊕ N  | 294-4015 | - - - | 294-4415 | 294-4215 | 294-4315 |
|  | L' N' L ⊕ N   | 294-4025 | - - - | 294-4425 | 294-4225 | 294-4325 |
|  | DA+ DA- L ⊕ N | 294-4035 | - - - | 294-4435 | 294-4235 | 294-4335 |
|  | DA- N ⊕ L DA+ | 294-4075 | - - - | 294-4475 | 294-4275 | 294-4375 |
|  | 3 N ⊕ 1 2     | 294-4055 | - - - | 294-4455 | 294-4255 | 294-4355 |
|  | 5 4 3 2 1     | 294-4045 | - - - | - - -    | - - -    | - - -    |

|  |         |          |       |       |       |       |
|--|---------|----------|-------|-------|-------|-------|
| 6<br> | without | 294-4006 | - - - | - - - | - - - | - - - |
|  |         |          |       |       |       |       |
|  |         |          |       |       |       |       |

|  |         |          |       |       |       |       |
|--|---------|----------|-------|-------|-------|-------|
| 7<br> | without | 294-4007 | - - - | - - - | - - - | - - - |
|  |         |          |       |       |       |       |
|  |         |          |       |       |       |       |

# Power Supply Connectors for Lighting and Equipment 294 Series



- External connection of solid, stranded and fine-stranded connectors
- Universal conductor termination (AWG, metric)
- Third contact located at the bottom of internal connector end
- Strain relief plate can be retrofitted

**Technical data:**

|                      | IEC/EN 60998-1 | IEC/EN 60998-2-2 |  |
|----------------------|----------------|------------------|--|
| Rating per           | IEC/EN 60998-1 | IEC/EN 60998-2-2 |  |
| Overvoltage category | II             | II               |  |
| Pollution degree     | 2              | 2                |  |
| Rated voltage        | 500 V          | 500 V            |  |
| Rated surge voltage  | 4 kV           | 4 kV             |  |
| Nominal current      | 24 A           | 24 A             |  |
| Temperature rating   | T 85           | T 85             |  |

**Conductor data (external connection):**

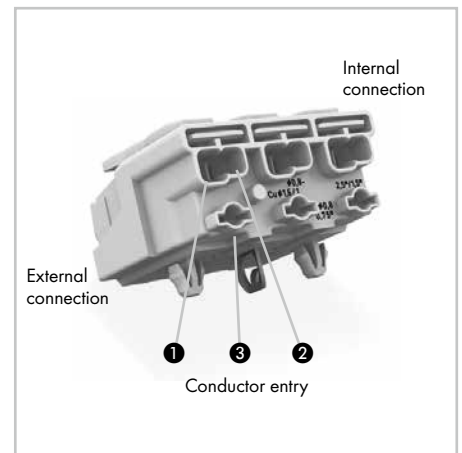
|  |                                 |
|--|---------------------------------|
| Connection technology                            | <b>Push-in CAGE CLAMP®</b>      |
| Conductor size: solid, stranded or fine-stranded | 2 x 0.5 ... 2.5 mm <sup>2</sup> |
| Conductor size: with ferrule                     | 2 x 0.5 ... 1.5 mm <sup>2</sup> |
| AWG: solid                                       | 2 x 18 ... 12                   |
| AWG: fine-stranded and stranded                  | 2 x 18 ... 14                   |
| Strip length                                     | 8 ... 9 mm / 0.31 ... 0.35 in.  |

**Conductor data (internal connection):**

|                               |  |
|-------------------------------|--|
| Connection technology         | <b>PUSH WIRE®</b>                                      |
| <b>Conductor entry ①</b>      |  |
| Conductor size: solid         | 0.5 ... 2.5 mm <sup>2</sup>                            |
| Conductor size: fine-stranded | 0.5 ... 1.5 mm <sup>2</sup> (with uninsulated ferrule) |
| Conductor size: fine-stranded | 0.5 ... 1.0 mm <sup>2</sup> (with insulated ferrule)   |
| AWG: solid                    | 18 ... 14  |
| Strip length                  | 8 ... 9 mm / 0.31 ... 0.35 in.                         |
| <b>Conductor entry ②</b>      |  |
| Conductor size: solid         | 0.5 ... 1.5 mm <sup>2</sup>                            |
| Conductor size: fine-stranded | 0.5 ... 1.0 mm <sup>2</sup> (with uninsulated ferrule) |
| Conductor size: fine-stranded | 0.5 ... 0.75 mm <sup>2</sup> (with insulated ferrule)  |
| AWG: solid                    | 18 ... 16  |
| Strip length                  | 8 ... 9 mm / 0.31 ... 0.35 in.                         |
| <b>Conductor entry ③</b>      |  |
| Conductor size: solid         | 0.5 ... 0.75 mm <sup>2</sup>                           |
| AWG: solid                    | 18   |
| Strip length                  | 8 ... 9 mm / 0.31 ... 0.35 in.                         |

**Material data:**

|   |  |
|---|--|
| Material group                                  | IIIa                                       |
| Insulating material                             | Polycarbonate (PC)                         |
| Temperature stability                           | Relative temperature index (RTI) of 120 °C |
| Flammability rating per UL 94                   | V0   |
| Clamping spring material                        | Chrome nickel spring steel (CrNi)          |
| Contact material                                | Electrolytic copper (E <sub>C</sub> )      |
| Contact plating                                 | tin-plated                                 |
| 16 mm-high versions are available upon request. |  |



**Accessories:**

**Page:**

|                                    |     |
|------------------------------------|-----|
| Operating tools                    | 496 |
| Disconnection tool                 | 25  |
| Assembly tool                      | 25  |
| Strain relief for multicore cables | 25  |
| Strain relief for single strands   | 25  |
| Pin terminals                      | 519 |

# Power Supply Connectors for Lighting and Equipment

## 2-Pole

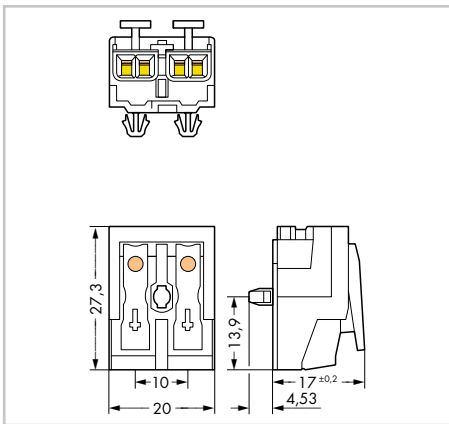
### 294 Series

PUSH-IN CAGE CLAMP®

1  
17

1

Without ground contact



#### Versions with snap-in mounting feet:

| Marking   | Item No. | Pack. Unit |
|---|----------|------------|
| <b>Power supply connector for lighting and equipment without ground contact, 2-pole</b> |          |            |
| without   | 294-5002 | 1000       |
| N L   | 294-5012 | 1000       |
| N' L'   | 294-5022 | 1000       |
| DA- DA+   | 294-5032 | 1000       |
| - +   | 294-5072 | 1000       |
| 2 1   | 294-5042 | 1000       |
| 1 N   | 294-5052 | 1000       |

#### Versions without snap-in mounting feet:

| Marking   | Item No. | Pack. Unit |
|---|----------|------------|
| <b>Power supply connector for lighting and equipment without ground contact, 2-pole</b> |          |            |
| without   | 294-4002 | 1000       |
| N L   | 294-4012 | 1000       |
| N' L'   | 294-4022 | 1000       |
| DA- DA+   | 294-4032 | 1000       |
| - +   | 294-4072 | 1000       |
| 2 1   | 294-4042 | 1000       |
| 1 N   | 294-4052 | 1000       |

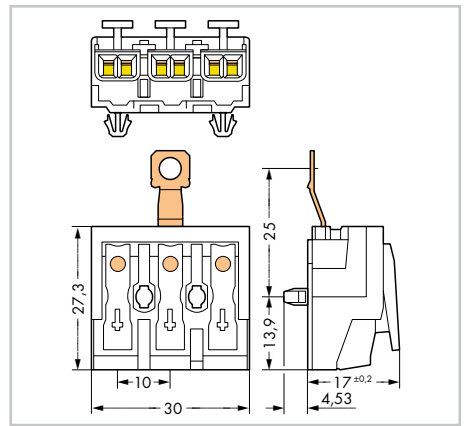
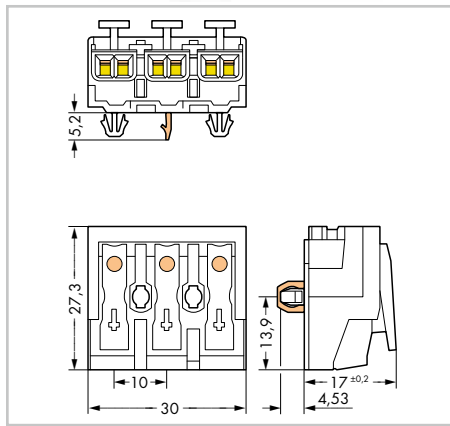
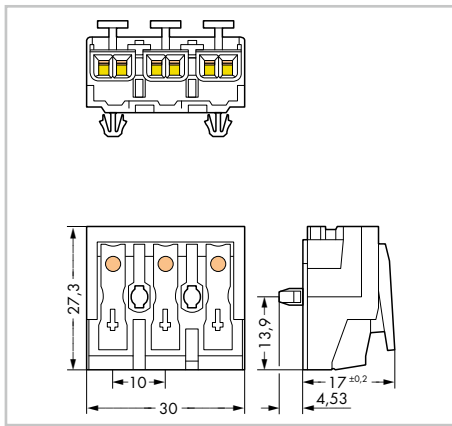
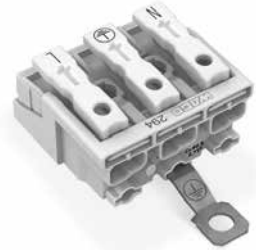
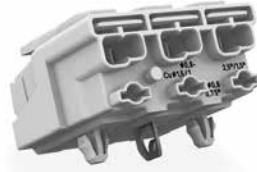
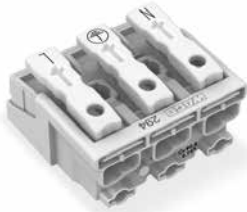


# Power Supply Connectors for Lighting and Equipment

## 3-Pole

### 294 Series

|                        |                            |                                |
|------------------------|----------------------------|--------------------------------|
| Without ground contact | With direct ground contact | With screw-type ground contact |
|------------------------|----------------------------|--------------------------------|



#### Versions with snap-in mounting feet:

| Marking  | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|--|----------|------------|--|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment without ground contact, 3-pole |          |            | Power supply connector for lighting and equipment with direct ground contact, 3-pole |          |            | Power supply connector for lighting and equipment with screw-type ground contact, 3-pole |          |            |
| without  | 294-5003 | 500        |  |          |            |  |          |            |
| N ⊕ L  | 294-5013 | 500        | N ⊕ L  | 294-5113 | 500        | N ⊕ L  | 294-5413 | 500        |
| N' ⊕ L'  | 294-5023 | 500        | N' ⊕ L'  | 294-5123 | 500        | N' ⊕ L'  | 294-5423 | 500        |
| 1 ⊕ N  | 294-5053 | 500        | 1 ⊕ N  | 294-5153 | 500        | 1 ⊕ N  | 294-5453 | 500        |
| 3 2 1  | 294-5043 | 500        |  |          |            |  |          |            |

#### Versions without snap-in mounting feet:

| Marking  | Item No. | Pack. Unit | Marking | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|--|----------|------------|---------|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment without ground contact, 3-pole |          |            |         |          |            | Power supply connector for lighting and equipment with screw-type ground contact, 3-pole |          |            |
| without  | 294-4003 | 500        |         |          |            |  |          |            |
| N ⊕ L  | 294-4013 | 500        |         |          |            | N ⊕ L  | 294-4413 | 500        |
| N' ⊕ L'  | 294-4023 | 500        |         |          |            | N' ⊕ L'  | 294-4423 | 500        |
| 1 ⊕ N  | 294-4053 | 500        |         |          |            | 1 ⊕ N  | 294-4453 | 500        |
| 3 2 1  | 294-4043 | 500        |         |          |            |  |          |            |

Metal plate cutout for direct ground contact must be free of varnish and oxide films.  
Equipped with varnished metal plates upon request.

# Power Supply Connectors for Lighting and Equipment

## 3-Pole

### 294 Series

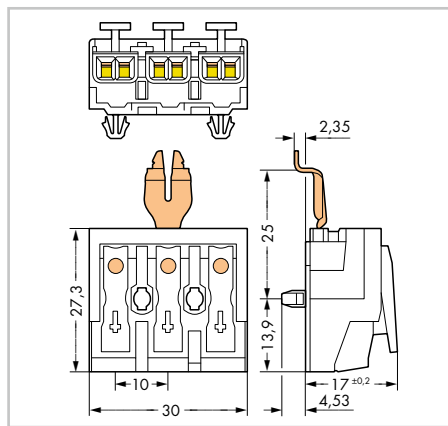
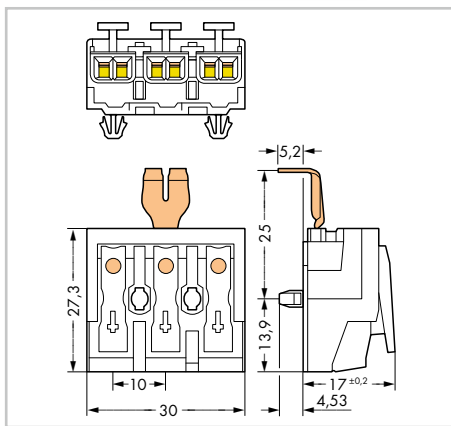
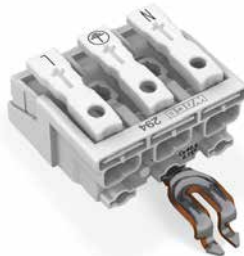
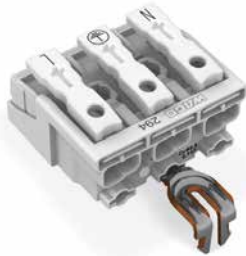
PUSH-IN CAGE CLAMP®

1  
19

1

With snap-in ground contact

With angled snap-in ground contact



#### Versions with snap-in mounting feet:

| Marking   | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|---|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment with snap-in ground contact, 3-pole |          |            | Power supply connector for lighting and equipment with angled snap-in ground contact, 3-pole |          |            |
| N ⊕ L   | 294-5213 | 500        | N ⊕ L  | 294-5313 | 500        |
| N' ⊕ L'   | 294-5223 | 500        | N' ⊕ L'  | 294-5323 | 500        |
| 1 ⊕ N   | 294-5253 | 500        | 1 ⊕ N  | 294-5353 | 500        |

#### Versions without snap-in mounting feet:

| Marking   | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|---|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment with snap-in ground contact, 3-pole |          |            | Power supply connector for lighting and equipment with angled snap-in ground contact, 3-pole |          |            |
| N ⊕ L   | 294-4213 | 500        | N ⊕ L  | 294-4313 | 500        |
| N' ⊕ L'   | 294-4223 | 500        | N' ⊕ L'  | 294-4323 | 500        |
| 1 ⊕ N   | 294-4253 | 500        | 1 ⊕ N  | 294-4353 | 500        |

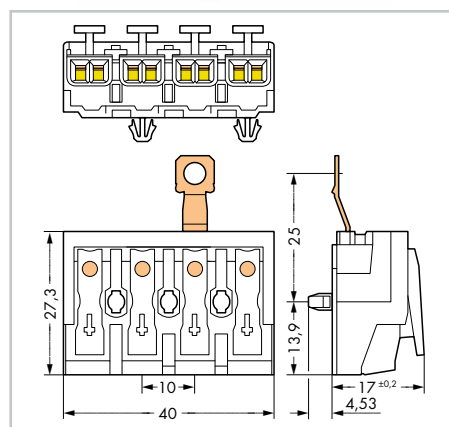
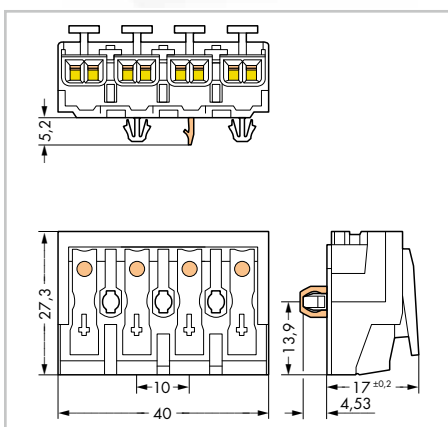
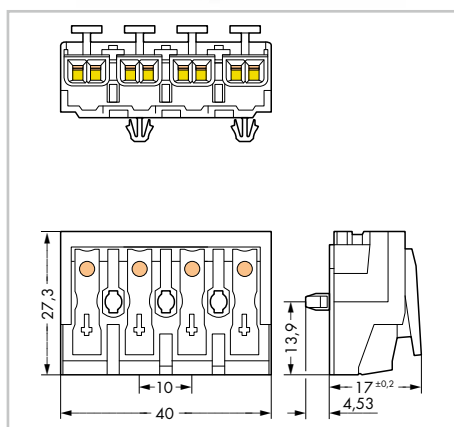
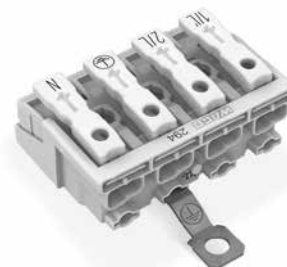
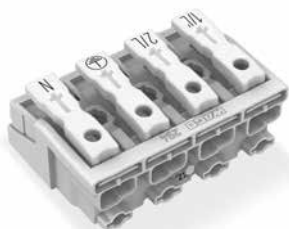
# Power Supply Connectors for Lighting and Equipment

## 4-Pole 294 Series

Without ground contact

With direct ground contact

With screw-type ground contact



### Versions with snap-in mounting feet:

| Marking  | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|--|----------|------------|--|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment without ground contact, 4-pole |          |            | Power supply connector for lighting and equipment with direct ground contact, 4-pole |          |            | Power supply connector for lighting and equipment with screw-type ground contact, 4-pole |          |            |
| without  | 294-5004 | 500        |  |          |            |  |          |            |
| 1/L' 2/L' ⊕ N  | 294-5024 | 500        | 1/L' 2/L' ⊕ N  | 294-5124 | 500        | 1/L' 2/L' ⊕ N  | 294-5424 | 500        |
| 1 2 ⊕ N  | 294-5014 | 500        | 1 2 ⊕ N  | 294-5114 | 500        | 1 2 ⊕ N  | 294-5414 | 500        |
| 4 3 2 1  | 294-5044 | 500        |  |          |            |  |          |            |

### Versions without snap-in mounting feet:

| Marking  | Item No. | Pack. Unit | Marking | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|--|----------|------------|---------|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment without ground contact, 4-pole |          |            |         |          |            | Power supply connector for lighting and equipment with screw-type ground contact, 4-pole |          |            |
| without  | 294-4004 | 500        |         |          |            |  |          |            |
| 1/L' 2/L' ⊕ N  | 294-4024 | 500        |         |          |            | 1/L' 2/L' ⊕ N  | 294-4424 | 500        |
| 1 2 ⊕ N  | 294-4014 | 500        |         |          |            | 1 2 ⊕ N  | 294-4414 | 500        |
| 4 3 2 1  | 294-4044 | 500        |         |          |            |  |          |            |

# Power Supply Connectors for Lighting and Equipment

## 4-Pole

### 294 Series

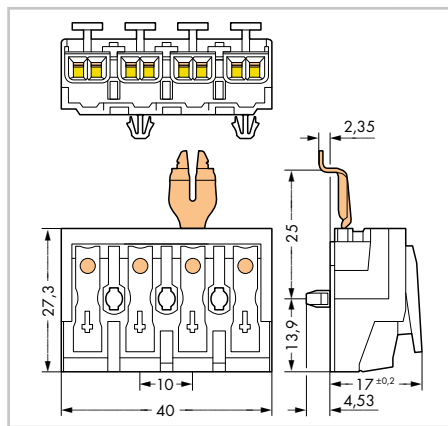
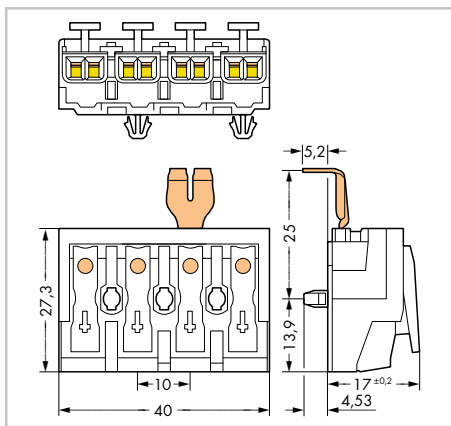
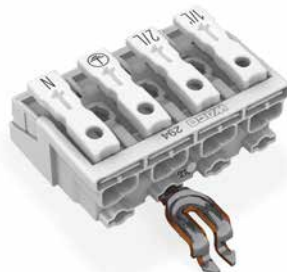
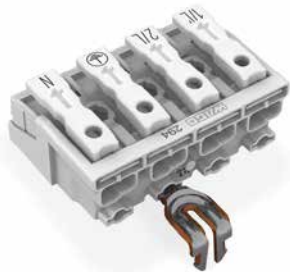
PUSH-IN CAGE CLAMP®

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1

With snap-in ground contact

With angled snap-in ground contact



#### Versions with snap-in mounting feet:

| Marking   | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|---|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment with snap-in ground contact, 4-pole |          |            | Power supply connector for lighting and equipment with angled snap-in ground contact, 4-pole |          |            |
| 1/L' 2/L ⊕ N  | 294-5224 | 500        | 1/L' 2/L ⊕ N   | 294-5324 | 500        |
| 1 2 ⊕ N   | 294-5214 | 500        | 1 2 ⊕ N  | 294-5314 | 500        |

#### Versions without snap-in mounting feet:

| Marking   | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|---|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment with snap-in ground contact, 4-pole |          |            | Power supply connector for lighting and equipment with angled snap-in ground contact, 4-pole |          |            |
| 1/L' 2/L ⊕ N  | 294-4224 | 500        | 1/L' 2/L ⊕ N   | 294-4324 | 500        |
| 1 2 ⊕ N   | 294-4214 | 500        | 1 2 ⊕ N  | 294-4314 | 500        |

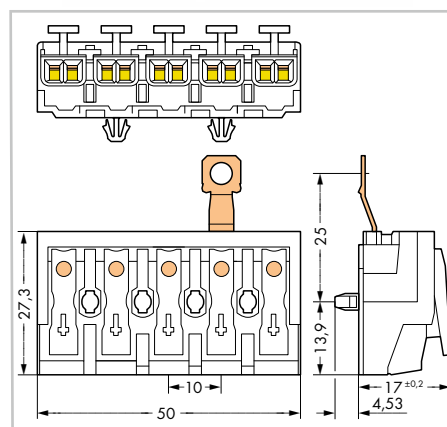
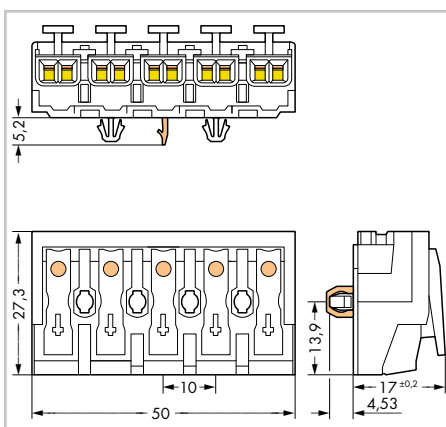
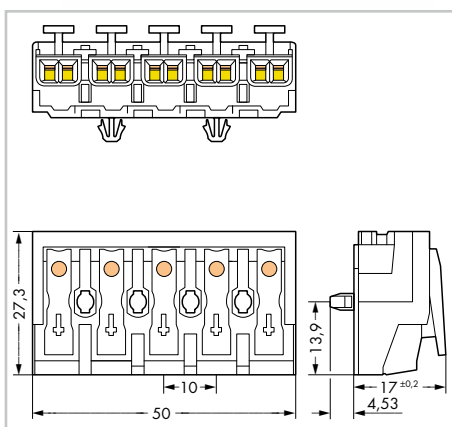
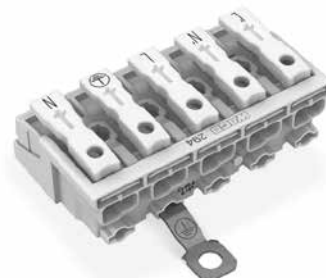
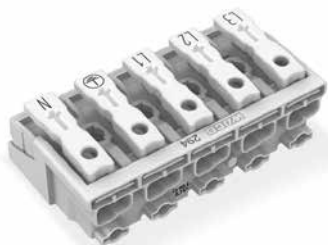
# Power Supply Connectors for Lighting and Equipment

## 5-Pole 294 Series

Without ground contact

With direct ground contact

With screw-type ground contact



### Versions with snap-in mounting feet:

| Marking  | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|--|----------|------------|--|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment without ground contact, 5-pole |          |            | Power supply connector for lighting and equipment with direct ground contact, 5-pole |          |            | Power supply connector for lighting and equipment with screw-type ground contact, 5-pole |          |            |
| without  | 294-5005 | 250        |  |          |            |  |          |            |
| L3 L2 L1 ⊕ N   | 294-5015 | 250        |  |          |            | L3 L2 L1 ⊕ N   | 294-5415 | 250        |
| L' N' L ⊕ N  | 294-5025 | 250        |  |          |            | L' N' L ⊕ N  | 294-5425 | 250        |
| DA+ DA- L ⊕ N  | 294-5035 | 250        |  |          |            | DA+ DA- L ⊕ N  | 294-5435 | 250        |
| DA- N ⊕ L DA+  | 294-5075 | 250        | DA- N ⊕ L DA+  | 294-5175 | 250        | DA- N ⊕ L DA+  | 294-5475 | 250        |
| 3 N ⊕ 1 2  | 294-5055 | 250        | 3 N ⊕ 1 2  | 294-5155 | 250        | 3 N ⊕ 1 2  | 294-5455 | 250        |
| 5 4 3 2 1  | 294-5045 | 250        |  |          |            |  |          |            |

### Versions without snap-in mounting feet:

| Marking  | Item No. | Pack. Unit | Marking | Item No. | Pack. Unit | Marking  | Item No. | Pack. Unit |
|--|----------|------------|---------|----------|------------|--|----------|------------|
| Power supply connector for lighting and equipment without ground contact, 5-pole |          |            |         |          |            | Power supply connector for lighting and equipment with screw-type ground contact, 5-pole |          |            |
| without  | 294-4005 | 250        |         |          |            |  |          |            |
| L3 L2 L1 ⊕ N   | 294-4015 | 250        |         |          |            | L3 L2 L1 ⊕ N   | 294-4415 | 250        |
| L' N' L ⊕ N  | 294-4025 | 250        |         |          |            | L' N' L ⊕ N  | 294-4425 | 250        |
| DA+ DA- L ⊕ N  | 294-4035 | 250        |         |          |            | DA+ DA- L ⊕ N  | 294-4435 | 250        |
| DA- N ⊕ L DA+  | 294-4075 | 250        |         |          |            | DA- N ⊕ L DA+  | 294-4475 | 250        |
| 3 N ⊕ 1 2  | 294-4055 | 250        |         |          |            | 3 N ⊕ 1 2  | 294-4455 | 250        |
| 5 4 3 2 1  | 294-4045 | 250        |         |          |            |  |          |            |

Metal plate cutout for direct ground contact must be free of varnish and oxide films.  
Equipped with varnished metal plates upon request.

# Power Supply Connectors for Lighting and Equipment

## 5-Pole

### 294 Series

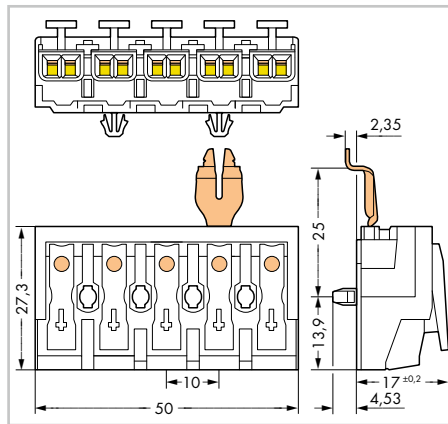
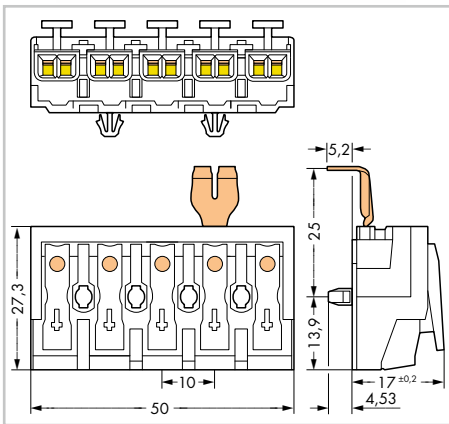
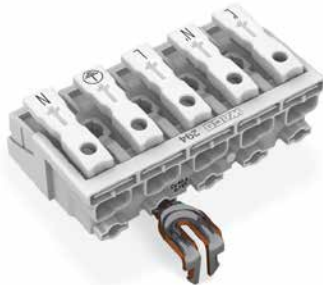
PUSH-IN CAGE CLAMP®

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With snap-in ground contact

With angled snap-in ground contact



#### Versions with snap-in mounting feet:

| Marking  | Item No. | Pack. Unit | Marking   | Item No. | Pack. Unit |
|--|----------|------------|---|----------|------------|
| Lighting connector with snap-in ground contact, 5-pole |          |            | Lighting connector with angled snap-in ground contact, 5-pole |          |            |
| L3 L2 L1 ⊕ N   | 294-5215 | 250        | L3 L2 L1 ⊕ N  | 294-5315 | 250        |
| L' N' L ⊕ N  | 294-5225 | 250        | L' N' L ⊕ N   | 294-5325 | 250        |
| DA+ DA- L ⊕ N  | 294-5235 | 250        | DA+ DA- L ⊕ N   | 294-5335 | 250        |
| DA- N ⊕ L DA+  | 294-5275 | 250        | DA- N ⊕ L DA+   | 294-5375 | 250        |
| 3 N ⊕ 1 2  | 294-5255 | 250        | 3 N ⊕ 1 2   | 294-5355 | 250        |

#### Versions without snap-in mounting feet:

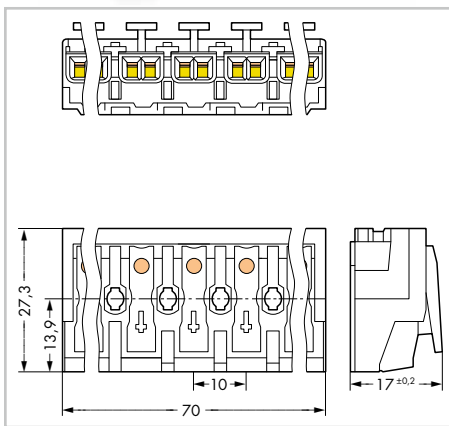
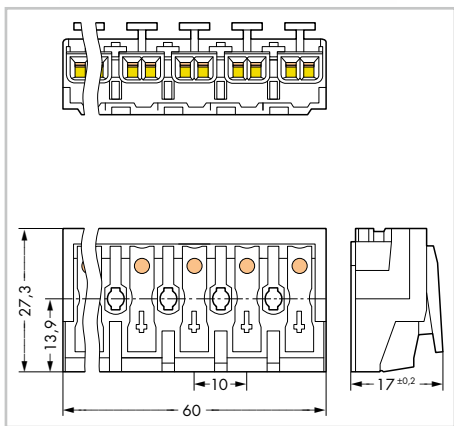
| Marking  | Item No. | Pack. Unit | Marking   | Item No. | Pack. Unit |
|--|----------|------------|---|----------|------------|
| Lighting connector with snap-in ground contact, 5-pole |          |            | Lighting connector with angled snap-in ground contact, 5-pole |          |            |
| L3 L2 L1 ⊕ N   | 294-4215 | 250        | L3 L2 L1 ⊕ N  | 294-4315 | 250        |
| L' N' L ⊕ N  | 294-4225 | 250        | L' N' L ⊕ N   | 294-4325 | 250        |
| DA+ DA- L ⊕ N  | 294-4235 | 250        | DA+ DA- L ⊕ N   | 294-4335 | 250        |
| DA- N ⊕ L DA+  | 294-4275 | 250        | DA- N ⊕ L DA+   | 294-4375 | 250        |
| 3 N ⊕ 1 2  | 294-4255 | 250        | 3 N ⊕ 1 2   | 294-4355 | 250        |



# Power Supply Connectors for Lighting and Equipment, 6- and 7-Pole 294 Series

6-pole, without ground contact

7-pole, without ground contact



**Versions without snap-in mounting feet:**

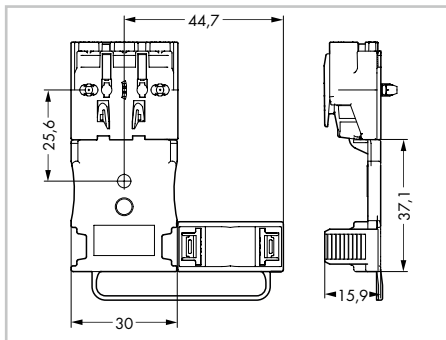
| Marking | Item No.   | Pack. Unit | Marking | Item No.   | Pack. Unit |
|---------|--|------------|---------|--|------------|
|         | Power supply connector for lighting and equipment without ground contact, 6-pole |            |         | Power supply connector for lighting and equipment without ground contact, 7-pole |            |
| without | 294-4006   | 250        | without | 294-4007   | 200        |

# Accessories 294 Series

|                            |  |                      |
|----------------------------|--|----------------------|
| <b>Strain relief plate</b> | <b>Disconnection tool,<br/>for removing conductors<br/>from PUSH WIRE® connections</b> | <b>Assembly tool</b> |
|----------------------------|--|----------------------|



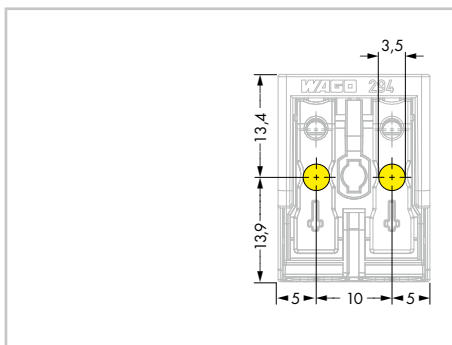
| Item No.   | Pack. Unit     | Item No.   | Pack. Unit | Item No.   | Pack. Unit |
|--|----------------|--|------------|--|------------|
| <b>Strain relief plate, with locking clip</b>  |                | <b>Disconnection tool,<br/>suitable for 294 Series</b> |            | <b>Assembly tool, suitable for 294 Series, with two functions:</b><br>- For pressing the snap-in mounting feet into the mounting plate<br>- For safe and easy fitting of ground contacts |            |
| for multicore cable:<br>1 x outer diameter 5.2 ... 12 mm   |                | <b>206-294</b>   |            | <b>294-199</b>   |            |
| ○ white  | <b>294-364</b> |  | 50         |  | 1          |
| for flat cables and individual conductors:<br>min. 3 x 0.5 mm <sup>2</sup> , max. 5 x 2.5 mm <sup>2</sup> or 7 x 1.5 mm <sup>2</sup> |                |  |            |  |            |
| ○ white  | <b>294-384</b> |  |            |  |            |
|  | 50             |  |            |  |            |
|  |                |  |            |  |            |
|  |                |  |            |  |            |
|  |                |  |            |  |            |



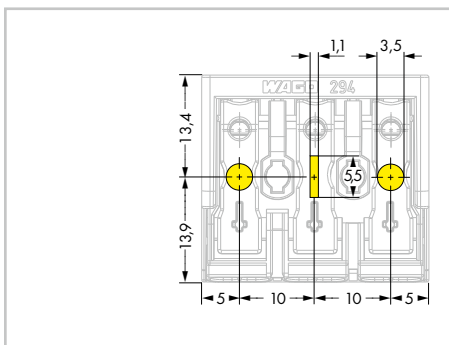
Conductor removal: Slide disconnection tool beneath the conductor and pull conductor out.

# Drilled-Hole Patterns for Snap-In Mounting Feet 294 Series

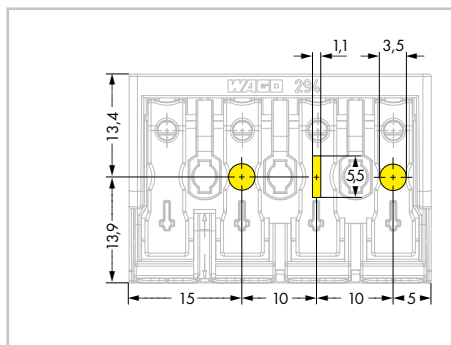
|               |               |               |
|---------------|---------------|---------------|
| <b>2-pole</b> | <b>3-pole</b> | <b>4-pole</b> |
|---------------|---------------|---------------|



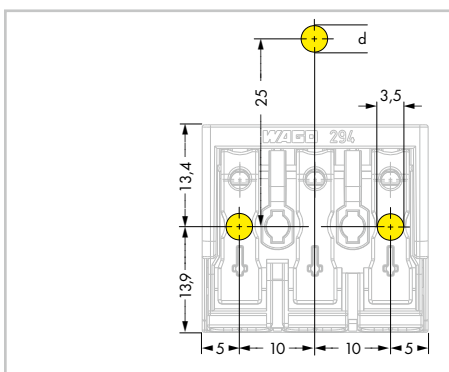
Without ground contact



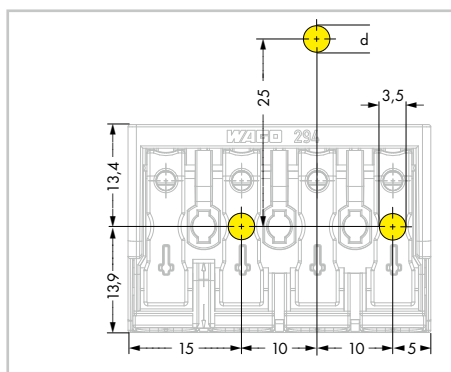
With direct ground contact



With direct ground contact

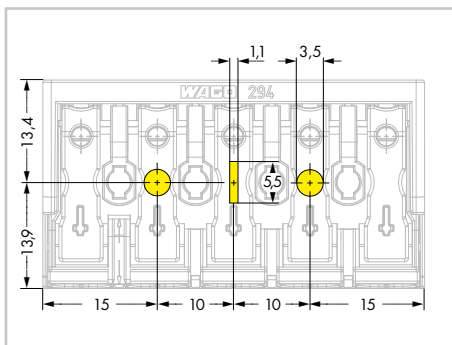


With snap-in ground contact,  $d = 4.9$  mm  
With screw-type ground contact,  $d \leq 4.1$  mm

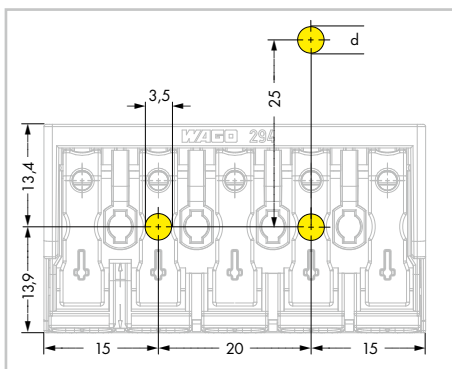
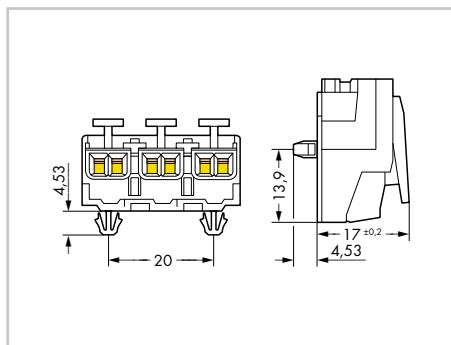
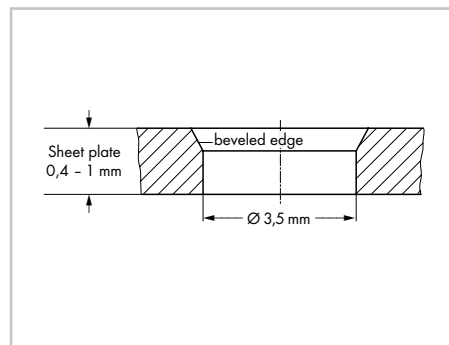


With snap-in ground contact,  $d = 4.9$  mm  
With screw-type ground contact,  $d \leq 4.1$  mm

|               |   |                              |
|---------------|---|------------------------------|
| <b>5-pole</b> | <b>Drilled hole for snap-in mounting foot</b> | <b>Snap-in mounting foot</b> |
|---------------|---|------------------------------|



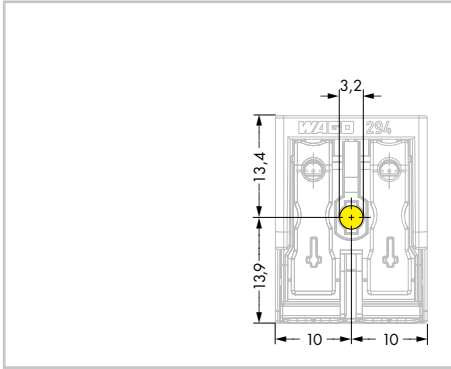
With direct ground contact



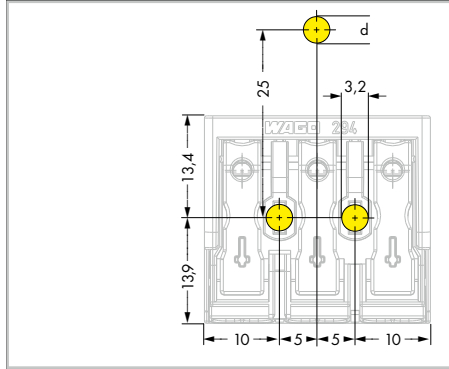
With snap-in ground contact,  $d = 4.9$  mm  
With screw-type ground contact,  $d \leq 4.1$  mm

# Drilled-Hole Patterns for Screw Mounting 294 Series

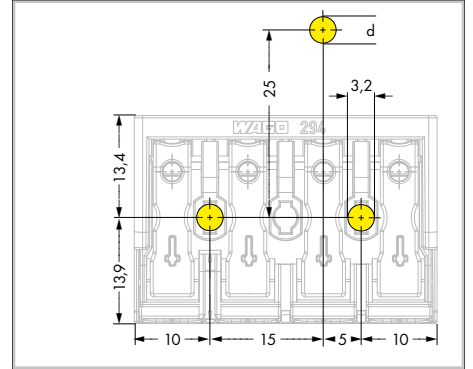
| 2-pole | 3-pole | 4-pole |
|--------|--------|--------|
|--------|--------|--------|



Without ground contact

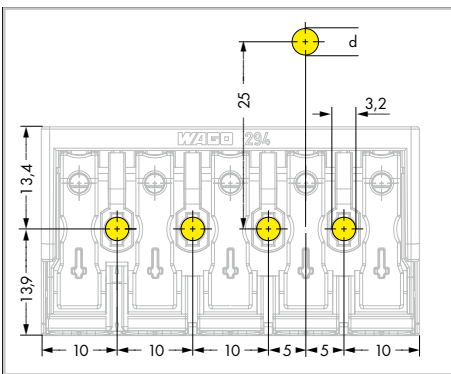


With snap-in ground contact,  $d = 4.9$  mm  
With screw-type ground contact,  $d \leq 4.1$  mm

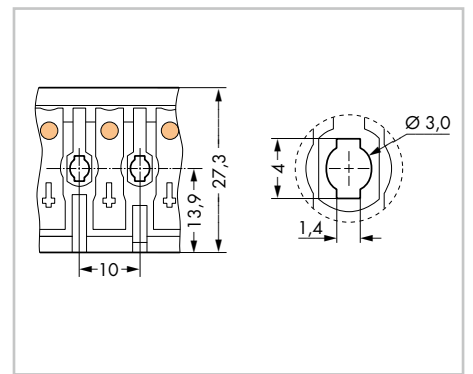
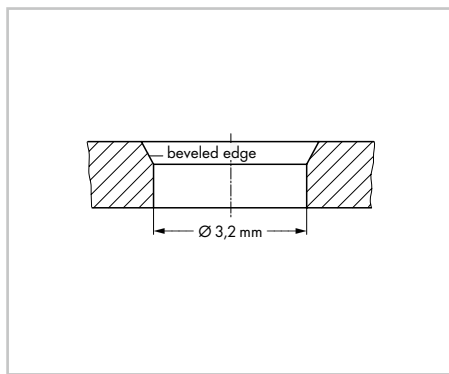


With snap-in ground contact,  $d = 4.9$  mm  
With screw-type ground contact,  $d \leq 4.1$  mm

| 5-pole | Drilled hole for screw | Hole for screw mount |
|--------|------------------------|----------------------|
|--------|------------------------|----------------------|




With snap-in ground contact,  $d = 4.9$  mm  
With screw-type ground contact,  $d \leq 4.1$  mm



**Notice:** The maximum thread diameter for self-tapping screws is 3.0 mm.

# 1 Dividable Terminal Strips







|  |  |  |  |
|--|--|--|--|
| <p>* gray terminal block side<br/>** white terminal block side</p> | <p>2 x 0.5 ... 1.5 mm<sup>2</sup> "s"<br/>2 x 0.5 ... 2.5 mm<sup>2</sup> "s"<br/>380 V~, size B<br/>I<sub>N</sub> 18 A</p> | <p>2 x AWG 20 ... 16 "s"<br/>2 x AWG 20 ... 14 "s"<br/>300 V, 10 A<br/>300 V</p> | <p> 8 ... 9 mm / 0.33 in.</p> |
|--|--|--|--|



- ① For tool-free installation
- ② For wiring on white terminal block side only
- ③ Factory-assembled ground contacts (please indicate position when ordering)

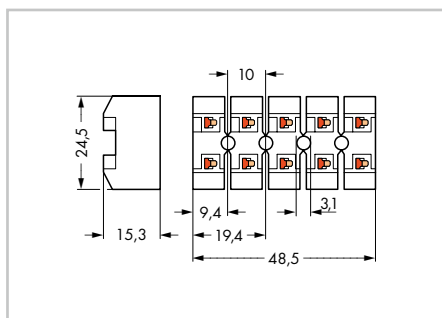
| Description   | Pole No.   | Item No.        | Pack. Unit |
|---|--|-----------------|------------|
| <b>Dividable terminal strips,</b>                   | <b>Terminal strips without push-buttons, white</b> |                 |            |
| with additional push-wire connection for            | 1  | 272-101         | 1000       |
| 0.5/0.75 mm <sup>2</sup> H07V-U (NYA) per pole,     | 2  | 272-102         | 1000       |
| for screw or screwless mounting (WAGO pins).        | 3  | 272-103         | 500        |
| Ground contact, for screw/riquet or snap-in contact | 4  | 272-104         | 500        |
| (pluggable)   | 5  | 272-105         | 500        |
|   | 12   | 272-112         | 40         |
|   | With screw-type ground contact ③                   |                 |            |
|   | 3  | 272-103/1..-000 | 500        |
|   | 4  | 272-104/1..-000 | 500        |
|   | 5  | 272-105/1..-000 | 500        |
|   | With snap-in ground contact ③                      |                 |            |
|   | 3  | 272-103/2..-000 | 500        |
|   | 4  | 272-104/2..-000 | 500        |
|   | 5  | 272-105/2..-000 | 500        |

## Accessories (For marking accessories, see Section 3)

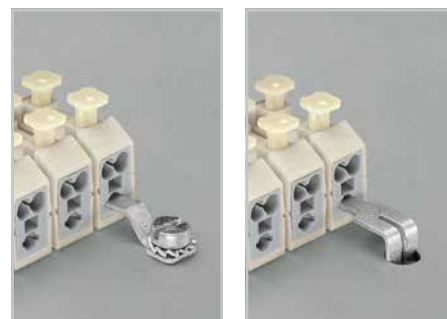
|   |  |           |      |
|---|--|-----------|------|
|  | <b>Pins,</b> 1 mm  | 271-702   | 1000 |
|   | for plate thickness 1 mm ①                                 | 271-711 ① | 1000 |
|   | 1.5 mm ①   | 271-712 ① | 1000 |
|  | <b>Operating lever, loose,</b>                             | 271-120   | 1000 |
|   | for retrofitting   |           |      |
|  | <b>Pin</b> green, (0.5/0.75) mm <sup>2</sup>               |           |      |
|   | <b>terminals, white,</b> (1/1.5) mm <sup>2</sup>           |           |      |
|   | <b>insulated blue,</b> (1.5/2.5) mm <sup>2</sup>           |           |      |
|  | <b>Crimping tool, for</b>                                  |           |      |
|   | pin terminals, crimping range of 0.5 - 2.5 mm <sup>2</sup> |           |      |
|  | <b>Operating tool,</b>                                     | 249-100   | 1    |
|   | for terminal blocks with snap-in ground contact            |           |      |
|  | <b>Felt-tip pen,</b>                                       | 210-110   | 1    |
|   | for direct, permanent manual marking                       |           |      |

## Dimensions

| Pole No. | Length (mm) |
|----------|-------------|
| 1        | 8.5         |
| 2        | 18.5        |
| 3        | 28.5        |
| 4        | 38.5        |
| 5        | 48.5        |
| 12       | 118.5       |

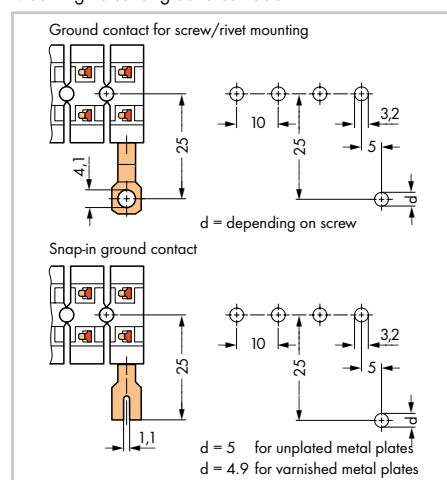


|   |  |   |  |  |
|---|--|---|--|--|
| 2 x 0.5 ... 1.5 mm <sup>2</sup> "s"<br>2 x 0.5 ... 2.5 mm <sup>2</sup> "s"<br>380 V~, size B<br>I <sub>N</sub> 18 A | 2 x AWG 20 ... 16 "s"<br>2 x AWG 20 ... 14 "s"<br>300 V, 10 A<br>300 V Ⓢ | 2 x 0.5 ... 1.5 mm <sup>2</sup> "s"<br>2 x 0.5 ... 2.5 mm <sup>2</sup> "s"<br>380 V~, size B<br>I <sub>N</sub> 18 A | 2 x AWG 20 ... 16 "s"<br>2 x AWG 20 ... 14 "s"<br>300 V, 10 A<br>300 V Ⓢ |  |
| 8 ... 9 mm / 0.33 in.   |  | 8 ... 9 mm / 0.33 in.   |  |  |

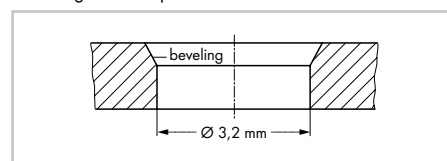


| Pole No.  | Item No.        | Pack. Unit | Pole No.  | Item No.                  | Pack. Unit |
|---|-----------------|------------|---|---------------------------|------------|
| <b>Terminal strips with push-buttons on both sides, white</b> |                 |            | <b>Terminal strips with standard marking, without push-buttons, white</b> |                           |            |
| 1   | 272-301         | 500        |   | Marking: L1, N            |            |
| 2   | 272-302         | 500        | 2   | 272-102/001-000           | 1000       |
| 3   | 272-303         | 500        |   | Marking: ⊕, N, L1         |            |
| 4   | 272-304         | 500        | 3   | 272-103/001-000           | 500        |
| 5   | 272-305         | 500        |   | Marking: ⊕, N, L1, L2     |            |
| 12  | 272-312         | 40         | 4   | 272-104/001-000           | 500        |
| With screw-type ground contact                                |                 |            |   | Marking: ⊕, N, L1, L2, L3 |            |
| 3   | 272-303/1...000 | 500        | 5   | 272-105/001-000           | 500        |
| 4   | 272-304/1...000 | 500        | Ordering examples for terminal strips with ground contacts, see below.    |                           |            |
| 5   | 272-305/1...000 | 500        |   |                           |            |
| With snap-in ground contact                                   |                 |            |   |                           |            |
| 3   | 272-303/2...000 | 500        |   |                           |            |
| 4   | 272-304/2...000 | 500        |   |                           |            |
| 5   | 272-305/2...000 | 500        |   |                           |            |
|   | 271-702         | 1000       |   | 271-702                   | 1000       |
|   | 271-711         | 1000       |   | 271-711                   | 1000       |
|   | 271-712         | 1000       |   | 271-712                   | 1000       |
|   | 271-120         | 1000       |   | 271-120                   | 1000       |
| I <sub>N</sub> 6/8 A  | 209-151         | 100        | <b>Ordering examples for 3-pole terminal strip without push-buttons:</b>  |                           |            |
| I <sub>N</sub> 10/16 A  | 209-164         | 100        | <b>a) Without printing:</b>   |                           |            |
| I <sub>N</sub> 16/20 A  | 209-157         | 100        | without ground contact 272-103  |                           |            |
|   | 210-176         | 1          | <b>b) With printing ⊕; N; L1:</b>   |                           |            |
|   | 249-100         | 1          | without ground contact 272-103/001-000                                    |                           |            |
|   |                 |            | with snap-in ground contact 272-103/201-000                               |                           |            |
|   |                 |            | with screw-type ground contact 272-103/101-000                            |                           |            |
|   | 210-110         | 1          |   |                           |            |

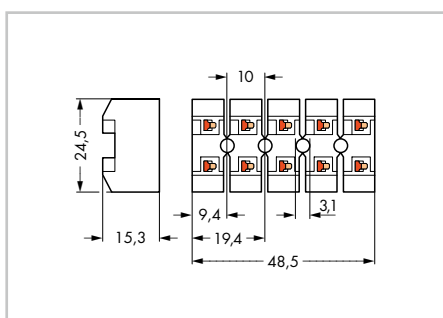
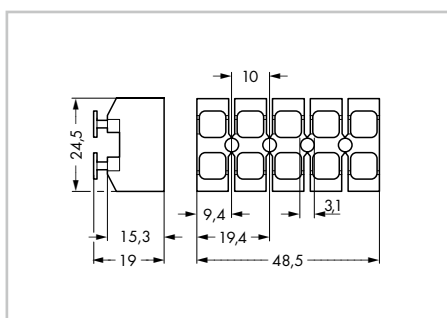
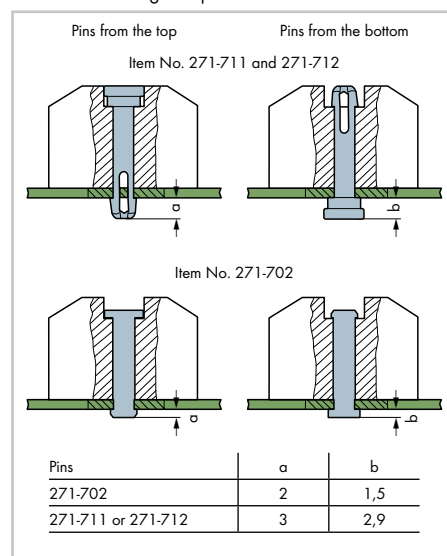
Mounting holes for ground contacts



Mounting holes for pins



Screwless mounting with pins





# Dividable Terminal Strips, Compact Terminal Blocks

|  |   |  |   |   |
|--|---|--|---|---|
| <p>* gray terminal block side<br/>** white terminal block side</p> | <p>1 x 0.5 ... 0.75 mm<sup>2</sup> "s"<br/>1 x 0,5 ... 2,5 mm<sup>2</sup> "s"<br/>2 x 0.5 ... 2.5 mm<sup>2</sup> "s"<br/>380 V~, size B; I<sub>N</sub> 26 A</p> | <p>1 x AWG 20 - 18 "s"<br/>1 x AWG 20 - 14 "s"<br/>2 x AWG 20 - 14 "s"<br/>300 V  300 V </p> | <p>1 x 0.5 ... 0.75 mm<sup>2</sup> "s"<br/>1 x 0,5 ... 2,5 mm<sup>2</sup> "s"<br/>2 x 0.5 ... 2.5 mm<sup>2</sup> "s"<br/>380 V~, size B; I<sub>N</sub> 26 A</p> | <p>1 x AWG 20 ... 18 "s"<br/>1 x AWG 20 ... 14 "s"<br/>2 x AWG 20 ... 14 "s"<br/>300 V </p> |
|  | 8 ... 9 mm / 0.33 in.   |  | 8 ... 9 mm / 0.33 in.   |   |

- ① Item no. suffix for standard printings: 001-000
- ② For tool-free mounting
- ③ Factory-assembled ground contacts (please indicate position when ordering)



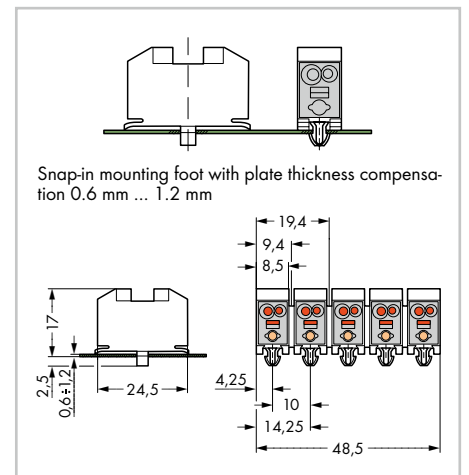
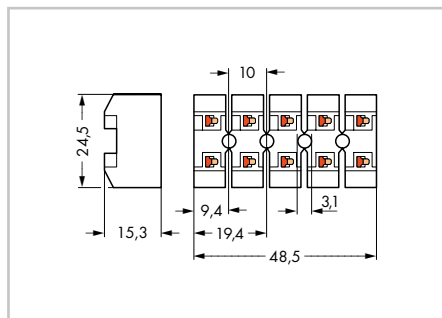
| Description  | Pole No.   | Item No.         | Pack. Unit | Pole No.   | Item No.         | Pack. Unit |
|--|--|------------------|------------|--|------------------|------------|
| <b>Dividable terminal strips,</b>  | <b>Terminal strips without push-buttons, white</b> |                  |            | <b>Terminal strips with snap-in mounting feet, white</b> |                  |            |
| with additional push-wire connection for 0.5/0.75 mm <sup>2</sup> H07V-U (NYA) per pole, | 1  | 272-581          | 1000       | 1  | 272-681          | 1000       |
| for screw or screwless mounting (WAGO pins);   | 2  | 272-582 ①        | 1000       | 2  | 272-682 ①        | 1000       |
| with snap-in mounting foot for mounting holes  | 3  | 272-583 ①        | 500        | 3  | 272-683 ①        | 500        |
| 3.5 mm Ø, mounting plate 0.6 - 1.2 mm thick.   | 4  | 272-584 ①        | 500        | 4  | 272-684 ①        | 500        |
| Ground contact, for screw/rievet or snap-in contact (pluggable)                          | 5  | 272-585 ①        | 500        | 5  | 272-685 ①        | 500        |
|  | 12   | 272-592          | 40         | 12   | 272-692          | 40         |
|  | With screw-type ground contact ③                   |                  |            | With screw-type ground contact ③                         |                  |            |
|  | 3  | 272-583/1 .-.000 | 500        | 3  | 272-683/1 .-.000 | 500        |
|  | 4  | 272-584/1 .-.000 | 500        | 4  | 272-684/1 .-.000 | 500        |
|  | 5  | 272-585/1 .-.000 | 500        | 5  | 272-685/1 .-.000 | 500        |
|  | With snap-in ground contact ③                      |                  |            | With snap-in ground contact ③                            |                  |            |
|  | 3  | 272-583/2 .-.000 | 500        | 3  | 272-683/2 .-.000 | 500        |
|  | 4  | 272-584/2 .-.000 | 500        | 4  | 272-684/2 .-.000 | 500        |
|  | 5  | 272-585/2 .-.000 | 500        | 5  | 272-685/2 .-.000 | 500        |



## Accessories (For marking accessories, see Section 3)

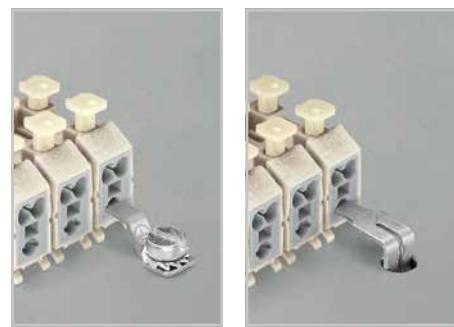
|  |   |          |           |      |         |      |
|--|---|----------|-----------|------|---------|------|
|  | <b>Pins,</b>                                    | 1 mm     | 271-702   | 1000 |         |      |
|  | for plate thickness                             | 1 mm ②   | 271-711 ② | 1000 |         |      |
|  |   | 1.5 mm ② | 271-712 ② | 1000 |         |      |
|  | <b>Operating lever, loose,</b>                  |          | 271-120   | 1000 | 271-120 | 1000 |
|  | for retrofitting                                |          |           |      |         |      |
|  | <b>Operating tool,</b>                          |          | 249-100   | 1    | 249-100 | 1    |
|  | for terminal blocks with snap-in ground contact |          |           |      |         |      |
|  | <b>Felt-tip pen,</b>                            |          | 210-110   | 1    | 210-110 | 1    |
|  | for direct, permanent manual marking            |          |           |      |         |      |

## Dimensions

| Pole No. | Length (mm) |
|----------|-------------|
| 1        | 8.5         |
| 2        | 18.5        |
| 3        | 28.5        |
| 4        | 38.5        |
| 5        | 48.5        |
| 12       | 118.5       |

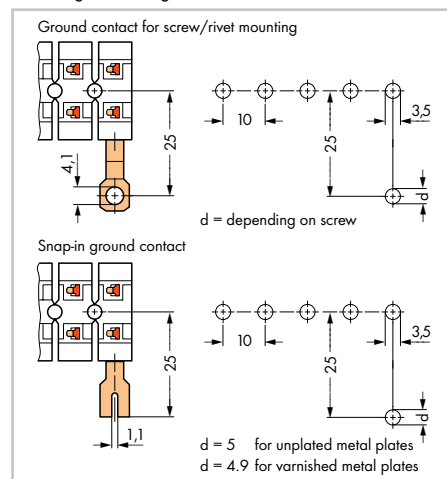


|   |  |   |   |
|---|--|---|---|
| 2 x 0.5 ... 1.5 mm <sup>2</sup> "s"<br>2 x 0.5 ... 2.5 mm <sup>2</sup> "s"<br>380 V~, size B<br>I <sub>N</sub> 18 A | 2 x AWG 20 ... 16 "s"<br>2 x AWG 20 ... 14 "s"<br>300 V, 10 A<br>300 V | 2 x 0.5 - 2.5 mm <sup>2</sup> "s"<br>380 V~, size B<br>I <sub>N</sub> 26 A                              | 2 x AWG 20 - 14 "s"<br>300 V, 10 A<br>300 V |
|  8 ... 9 mm / 0.33 in.             |  |  8 ... 9 mm / 0.33 in. |   |

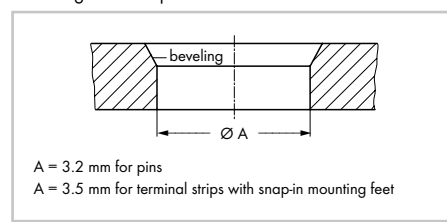


| Pole No.   | Item No.         | Pack. Unit | Pole No.  | Item No.        | Pack. Unit |
|--|------------------|------------|---|-----------------|------------|
| <b>Terminal strips with snap-in mounting feet, white</b> |                  |            | <b>Compact terminal blocks with snap-in mounting feet, white,</b> |                 |            |
| 1  | 272-131          | 1000       | for cutouts, plate thickness up to 1 mm,                          |                 |            |
| 2  | 272-132 ①        | 1000       | with additional push-wire connection for                          |                 |            |
| 3  | 272-133 ①        | 500        | 0.5/0.75 mm <sup>2</sup> H07 V-U (NYA) per pole                   |                 |            |
| 4  | 272-134 ①        | 500        | 5   | 272-122         | 500        |
| 5  | 272-135 ①        | 500        | With printing: L1, L2 (upper level)                               |                 |            |
| 12   | 272-142          | 40         | L3, N, ⊕ (lower level)  |                 |            |
| With screw-type ground contact ③                         |                  |            | 5   | 272-122/001-000 | 500        |
| 3  | 272-133/1 .-.000 | 500        |   |                 |            |
| 4  | 272-134/1 .-.000 | 500        |   |                 |            |
| 5  | 272-135/1 .-.000 | 500        |   |                 |            |
| With snap-in ground contact ③                            |                  |            |   |                 |            |
| 3  | 272-133/2 .-.000 | 500        |   |                 |            |
| 4  | 272-134/2 .-.000 | 500        |   |                 |            |
| 5  | 272-135/2 .-.000 | 500        |   |                 |            |
| 271-120  |                  | 1000       |   |                 |            |
| 249-100  |                  | 1          |   |                 |            |
| 210-110  |                  | 1          |   |                 |            |

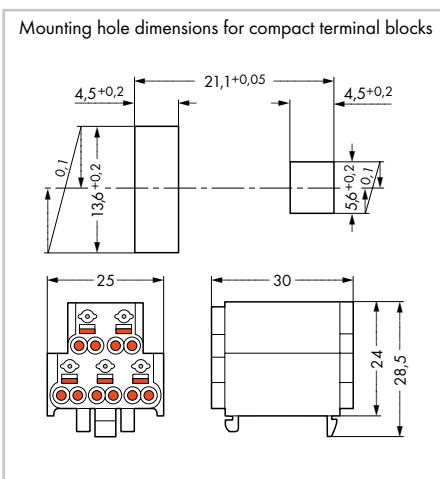
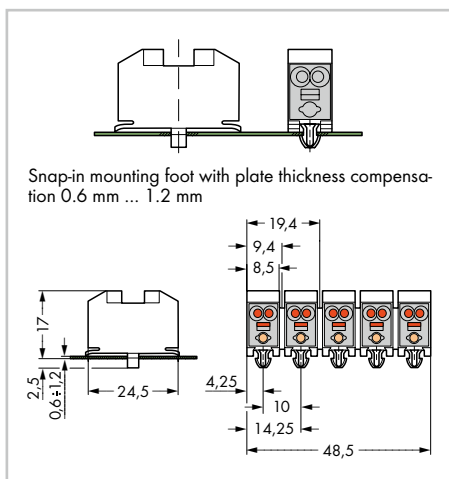
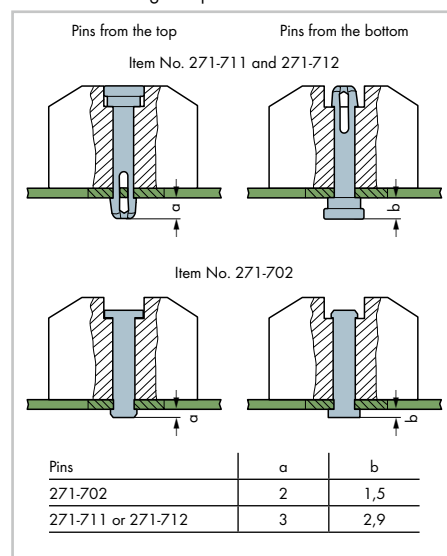
Mounting holes for ground contacts



Mounting holes for pins

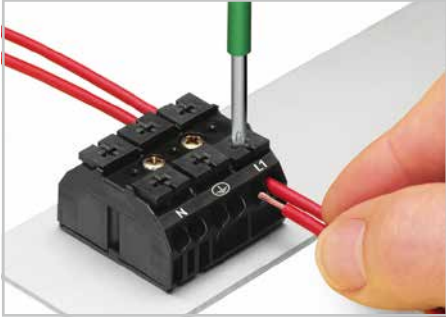


Screwless mounting with pins



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

## 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)

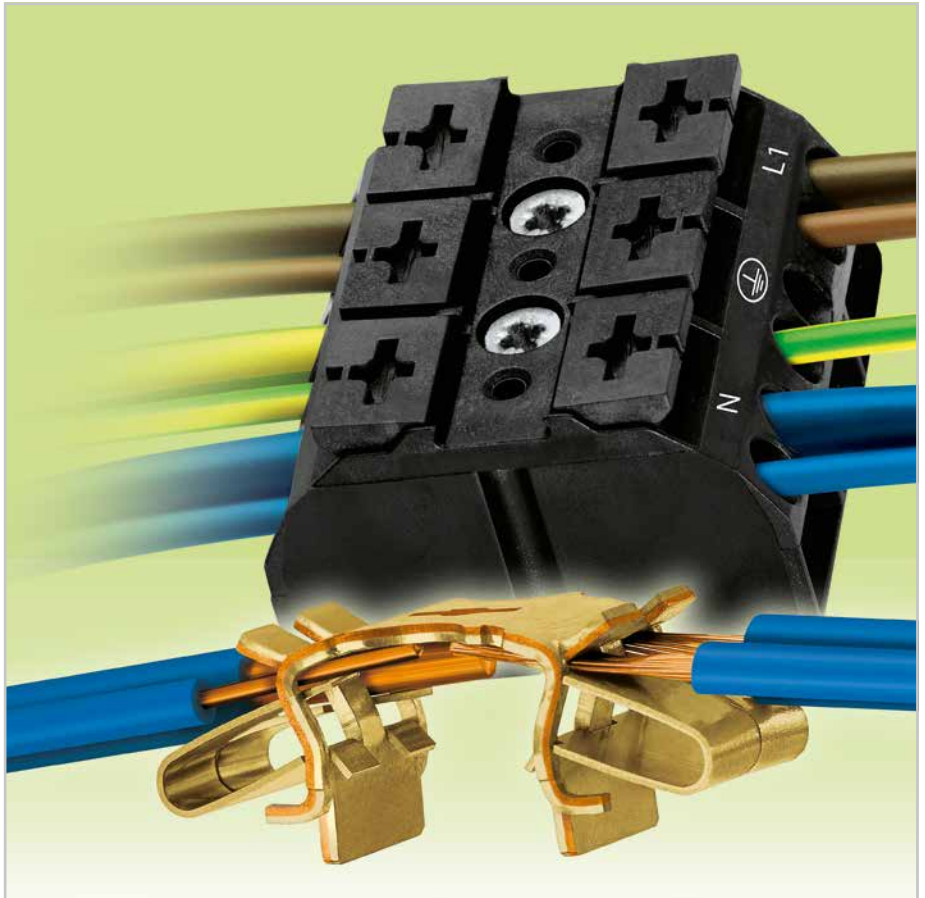


Makes an automatic contact to the mounting plate. The varnish coating is penetrated automatically.

## 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

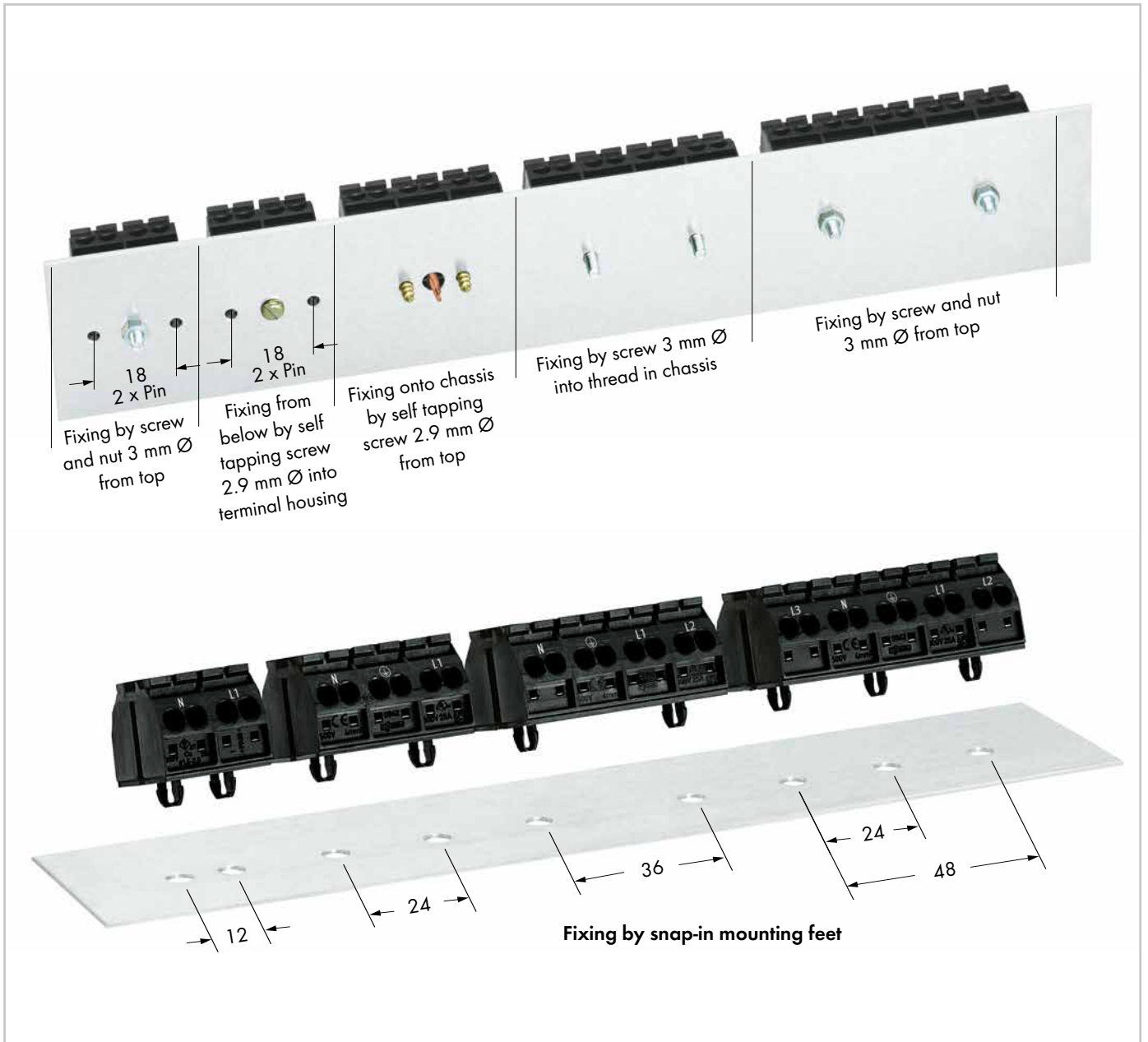
fine-stranded,  
tip-bonded

fine-stranded,  
with ferrule ①  
(gastight crimped)

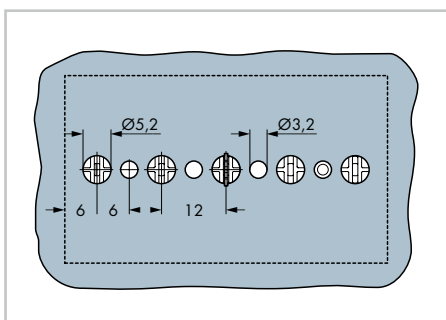
fine-stranded,  
with pin terminal  
(gastight crimped)

\* For aluminum conductors, see page 511.

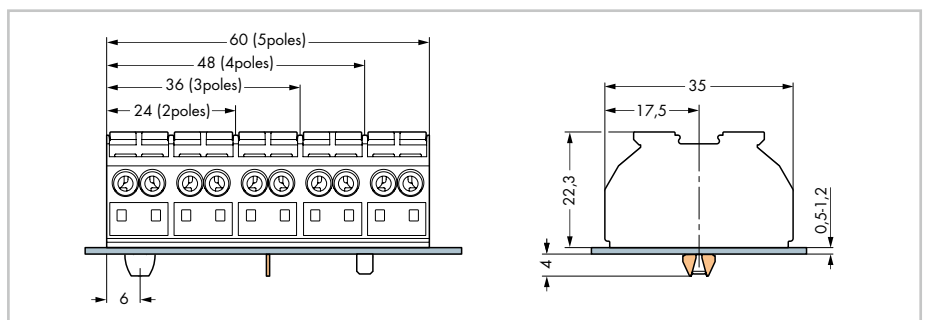
① When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.



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

## 2- and 3-Pole, 4 mm<sup>2</sup>

### 862 Series

|  |   |   |   |   |
|--|---|---|---|---|
|  | <b>0.5 ... 4 mm<sup>2</sup> ①</b><br>500 V/6 kV/3<br>$I_N$ 32 A   | AWG 20 ... 12<br>300 V, 20 A <br>300 V, 20 A  | <b>0.5 ... 4 mm<sup>2</sup> ①</b><br>500 V/6 kV/3<br>$I_N$ 32 A   | AWG 20 ... 12<br>300 V, 20 A <br>300 V, 20 A  |
|  |  10 ... 11 mm / 0.41 in. |   |  10 ... 11 mm / 0.41 in. |   |
|  | ② Approvals   |   | ② Approvals   |   |

① Conductor sizes: 0.25 ... 4 mm<sup>2</sup> "s + F-st";  
 Push-in conductor sizes: 0.75 ... 4 mm<sup>2</sup> "s" and  
 0.75 ... 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



Available in black and white.

2-pole

3-pole

|   | without<br>Ground contact (PE contact) | with<br>Ground contact (PE contact) | Item No.<br>black | Item No.<br>white | Pack. Unit | Item No.<br>black | Item No.<br>white | Pack. Unit |
|---|--|-------------------------------------|-------------------|-------------------|------------|-------------------|-------------------|------------|
| <b>For screw and nut 3 mm Ø or<br/>for self-tapping screw 2.9 mm Ø from top</b> |  |                                     |                   |                   |            |                   |                   |            |
|   | plain                                  |                                     | ● 862-0552        | ○ 862-0652        | 500        |                   |                   |            |
|   | L1-N                                   |                                     | ● 862-1552        | ○ 862-1652        | 500        |                   |                   |            |
|   | N-L1                                   |                                     | ● 862-2552        | ○ 862-2652        | 500        |                   |                   |            |
| <b>For self-tapping screw 2.9 mm Ø from below</b>                               |  |                                     |                   |                   |            |                   |                   |            |
|   | plain                                  |                                     | ● 862-0562        | ○ 862-0662        | 500        |                   |                   |            |
|   | L1-N                                   |                                     | ● 862-1562        | ○ 862-1662        | 500        |                   |                   |            |
|   | N-L1                                   |                                     | ● 862-2562        | ○ 862-2662        | 500        |                   |                   |            |
| <b>1 snap-in foot per pole</b>  |  |                                     |                   |                   |            |                   |                   |            |
|   | plain                                  |                                     | ● 862-0532        | ○ 862-0632        | 500        |                   |                   |            |
|   | L1-N                                   |                                     | ● 862-1532        | ○ 862-1632        | 500        |                   |                   |            |
|   | N-L1                                   |                                     | ● 862-2532        | ○ 862-2632        | 500        |                   |                   |            |
| <b>For screw and nut 3 mm Ø or<br/>for self-tapping screw 2.9 mm Ø from top</b> |  |                                     |                   |                   |            |                   |                   |            |
|   | plain                                  |                                     |                   |                   |            | ● 862-0503        | ○ 862-0603        | 250        |
|   | ⊕-N-L1                                 |                                     |                   |                   |            | ● 862-1503        | ○ 862-1603        | 250        |
|   | N-⊕-L1                                 |                                     |                   |                   |            | ● 862-2503        | ○ 862-2603        | 250        |
|   |  | N-⊕-L1                              |                   |                   |            | ● 862-8503        | ○ 862-8603        | 250        |
|   |  | ⊕-N-L1                              |                   |                   |            | ● 862-9503        | ○ 862-9603        | 250        |
| <b>1 snap-in foot per pole</b>  |  |                                     |                   |                   |            |                   |                   |            |
|   | plain                                  |                                     |                   |                   |            | ● 862-0533        | ○ 862-0633        | 250        |
|   | ⊕-N-L1                                 |                                     |                   |                   |            | ● 862-1533        | ○ 862-1633        | 250        |
|   | N-⊕-L1                                 |                                     |                   |                   |            | ● 862-2533        | ○ 862-2633        | 250        |
|   |  | N-⊕-L1                              |                   |                   |            | ● 862-8533        | ○ 862-8633        | 250        |
|   |  | ⊕-N-L1                              |                   |                   |            | ● 862-9533        | ○ 862-9633        | 250        |
| <b>Snap-in foot at pos. 1+3</b>   |  |                                     |                   |                   |            |                   |                   |            |
|   | plain                                  |                                     |                   |                   |            | ● 862-0593        | ○ 862-0693        | 250        |
|   | ⊕-N-L1                                 |                                     |                   |                   |            | ● 862-1593        | ○ 862-1693        | 250        |
|   | N-⊕-L1                                 |                                     |                   |                   |            | ● 862-2593        | ○ 862-2693        | 250        |
|   |  | N-⊕-L1                              |                   |                   |            | ● 862-8593        | ○ 862-8693        | 250        |
|   |  | ⊕-N-L1                              |                   |                   |            | ● 862-9593        | ○ 862-9693        | 250        |

#### 862 Series Accessories

|  |  |  |
|--|--|--|
| <b>Comb-style jumper bar</b> , simply push<br>into conductor entry hole<br>$I_N$ 32 A <b>862-482</b> 5     | <b>Test plug</b> , with 500 mm cable,<br>2 mm Ø<br>red <b>210-136</b> 50 | <b>Test plug</b> , with 500 mm cable,<br>2.3 mm Ø<br>yellow <b>210-137</b> 50    |
| <b>Operating tool with partially insulated shaft</b> ,<br>type 2, (3.5 x 0.5) mm blade<br><b>210-720</b> 1 | Suitable for Ex e II applications<br>440 V, 28 A                         | <b>Marking strip</b> , plain, 7.5 mm wide,<br>50m roll<br>white <b>709-178</b> 1 |

② Approvals are available online at: [www.wago.com](http://www.wago.com).



# 4-Conductor, Chassis-Mount Terminal Strips

## 4- and 5-Pole, 4 mm<sup>2</sup>

### 862 Series

PUSH-IN CAGE CLAMP®

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

① Conductor sizes: 0.25 ... 4 mm<sup>2</sup> "s + Fst";  
 Push-in conductor sizes: 0.75 ... 4 mm<sup>2</sup> "s" and 0.75 ... 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



Available in black and white.

4-pole

5-pole

|   | without Ground contact (PE contact) | with Ground contact (PE contact) | Item No. black | Item No. white | Pack. Unit | Item No. black | Item No. white | Pack. Unit |
|---|-------------------------------------|----------------------------------|----------------|----------------|------------|----------------|----------------|------------|
| <b>For screw and nut 3 mm Ø or for self-tapping screw 2.9 mm Ø from top</b> |                                     |                                  |                |                |            |                |                |            |
|   | plain                               |                                  | ● 862-0504     | ○ 862-0604     | 200        |                |                |            |
|   | ⊕-N-L1-L2                           |                                  | ● 862-1504     | ○ 862-1604     | 200        |                |                |            |
|   | N-⊕-L1-L2                           |                                  | ● 862-2504     | ○ 862-2604     | 200        |                |                |            |
|   |                                     | N-⊕-L1-L2                        | ● 862-8504     | ○ 862-8604     | 200        |                |                |            |
|   |                                     | ⊕-N-L1-L2                        | ● 862-9504     | ○ 862-9604     | 200        |                |                |            |
| <b>1 snap-in foot per pole</b>  |                                     |                                  |                |                |            |                |                |            |
|   | plain                               |                                  | ● 862-0534     | ○ 862-0634     | 200        |                |                |            |
|   | ⊕-N-L1-L2                           |                                  | ● 862-1534     | ○ 862-1634     | 200        |                |                |            |
|   | N-⊕-L1-L2                           |                                  | ● 862-2534     | ○ 862-2634     | 200        |                |                |            |
|   |                                     | N-⊕-L1-L2                        | ● 862-8534     | ○ 862-8634     | 200        |                |                |            |
|   |                                     | ⊕-N-L1-L2                        | ● 862-9534     | ○ 862-9634     | 200        |                |                |            |
| <b>Snap-in foot at pos. 1+4</b>   |                                     |                                  |                |                |            |                |                |            |
|   | plain                               |                                  | ● 862-0594     | ○ 862-0694     | 200        |                |                |            |
|   | ⊕-N-L1-L2                           |                                  | ● 862-1594     | ○ 862-1694     | 200        |                |                |            |
|   | N-⊕-L1-L2                           |                                  | ● 862-2594     | ○ 862-2694     | 200        |                |                |            |
|   |                                     | N-⊕-L1-L2                        | ● 862-8594     | ○ 862-8694     | 200        |                |                |            |
|   |                                     | ⊕-N-L1-L2                        | ● 862-9594     | ○ 862-9694     | 200        |                |                |            |
| <b>For screw and nut 3 mm Ø or for self-tapping screw 2.9 mm Ø from top</b> |                                     |                                  |                |                |            |                |                |            |
|   | plain                               |                                  |                |                |            | ● 862-0505     | ○ 862-0605     | 200        |
|   | ⊕-N-L1-L2-L3                        |                                  |                |                |            | ● 862-1505     | ○ 862-1605     | 200        |
|   | L3-N-⊕-L1-L2                        |                                  |                |                |            | ● 862-2505     | ○ 862-2605     | 200        |
|   |                                     | L3-N-⊕-L1-L2                     |                |                |            | ● 862-8505     | ○ 862-8605     | 200        |
|   |                                     | ⊕-N-L1-L2-L3                     |                |                |            | ● 862-9505     | ○ 862-9605     | 200        |
| <b>1 snap-in foot per pole</b>  |                                     |                                  |                |                |            |                |                |            |
|   | plain                               |                                  |                |                |            | ● 862-0525     | ○ 862-0625     | 200        |
|   | ⊕-N-L1-L2-L3                        |                                  |                |                |            | ● 862-1525     | ○ 862-1625     | 200        |
|   | L3-N-⊕-L1-L2                        |                                  |                |                |            | ● 862-2525     | ○ 862-2625     | 200        |
|   |                                     | L3-N-⊕-L1-L2                     |                |                |            | ● 862-8525     | ○ 862-8625     | 200        |
|   |                                     | ⊕-N-L1-L2-L3                     |                |                |            | ● 862-9525     | ○ 862-9625     | 200        |
| <b>Snap-in foot at pos. 1+3+5</b>   |                                     |                                  |                |                |            |                |                |            |
|   | plain                               |                                  |                |                |            | ● 862-0515     | ○ 862-0615     | 200        |
|   | ⊕-N-L1-L2-L3                        |                                  |                |                |            | ● 862-1515     | ○ 862-1615     | 200        |
|   | L3-N-⊕-L1-L2                        |                                  |                |                |            | ● 862-2515     | ○ 862-2615     | 200        |
|   |                                     | L3-N-⊕-L1-L2                     |                |                |            | ● 862-8515     | ○ 862-8615     | 200        |
|   |                                     | ⊕-N-L1-L2-L3                     |                |                |            | ● 862-9515     | ○ 862-9615     | 200        |

#### 862 Series Accessories

|  |   |   |
|--|---|---|
| <b>Comb-style jumper bar</b> , simply push into conductor entry hole<br><br>I <sub>N</sub> 32 A <b>862-482</b> 5 | <b>Test plug</b> , with 500 mm cable, 2 mm Ø<br><br>red <b>210-136</b> 50 | <b>Test plug</b> , with 500 mm cable, 2.3 mm Ø<br><br>yellow <b>210-137</b> 50    |
| <b>Operating tool with partially insulated shaft</b> , type 2, (3.5 x 0.5) mm blade<br><br><b>210-720</b> 1      | Suitable for Ex e II applications<br>440 V, 28 A                          | <b>Marking strip</b> , plain, 7.5 mm wide, 50m roll<br><br>white <b>709-178</b> 1 |

For technical explanations and abbreviations, see technical section.