### Connection A T4N/PV-A grounded system wiring 3PS Kit

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<table>
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<td>1</td>
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</table>

### Connection B T4N/PV-B ungrounded system wiring 2PS+1 Kit

<p>| | | | | | | | | | |</p>
<table>
<thead>
<tr>
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</tbody>
</table>

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**A**

If the device is equipped with motor operator, MOE, openings with current shall be performed using SOR or UVR.

**OFF**

**ON**

**TRIPPED**

---

**ABB**
C  
**Busbar Jumper Kit T4N/PV-A for connection A**

Grounded system wiring 3PS, lower supply

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Availability for Lower supply</th>
<th>Connection A 3PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3PS LOWER SUPPLY</td>
<td>[ ] 50mm²</td>
<td>[ ] 185mm²</td>
</tr>
</tbody>
</table>

**Busbar Jumper Kit T4N/PV-B for connection B**

Ungrounded system wiring 2PS+1, lower supply

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Availability for Lower supply</th>
<th>Connection B 2PS+1</th>
</tr>
</thead>
<tbody>
<tr>
<td>2PS+1 LOWER SUPPLY</td>
<td>[ ] 50mm²</td>
<td>[ ] 185mm²</td>
</tr>
</tbody>
</table>

---

E  
**Busbar Jumper Kit T4N/PV-A for connection A**

Grounded system wiring 3PS, upper supply

**Busbar Jumper Kit T4N/PV-B for connection B**

Ungrounded system wiring 2PS+1, upper supply

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G  
Le uniche configurazioni utilizzabili sono quelle riportate in questo documento.

The configurations here represented are the only ones available.

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**Label that indicates type of jumper kit installed on breaker**
K  Lug examples 3PS (40 A…100 A)

- CuAl Stranded
  - MIN 14 AWG
  - MAX 1/0 AWG
- For the tightening torque see installation instructions included in the lugs kit
- M8x25 mm
  - M8x0.95"
- Ø 18
- 9 Nm
  - 80 lb·in
- M8x12 mm
  - M8x0.47"
- min 15.5 mm
  - min 0.61"

L  Lug examples 2PS+1 (40 A…100 A)

- CuAl Stranded
  - MIN 14 AWG
  - MAX 1/0 AWG
- For the tightening torque see installation instructions included in the lugs kit
- M8x25 mm
  - M8x0.95"
- Ø 18
- 18 Nm
  - 160 lb·in
- 9 Nm
  - 80 lb·in
- Ø 15
- 1 Nm
  - 9 lb·in

For the tightening torque see installation instructions included in the lugs kit.
**Jumper examples 3PS (125 A...200 A)**

CuAl Stranded

MIN 6 AWG
MAX 350 kcmil

For the tightening torque see installation instructions included in the lugs kit

18 Nm  
160 lb·in

**Jumper examples 2PS+1 (125 A...200 A)**

CuAl Stranded

MIN 6 AWG
MAX 350 kcmil

For the tightening torque see installation instructions included in the lugs kit

18 Nm  
160 lb·in

**Settings with thermomagnetic trip unit only**

MIN (Inx0.7)
MED (Inx0.85)
MAX (Inx1)

<table>
<thead>
<tr>
<th>I3</th>
<th>MIN</th>
<th>MED</th>
<th>MAX</th>
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</thead>
<tbody>
<tr>
<td>200</td>
<td>1400</td>
<td>1500</td>
<td>2000</td>
</tr>
<tr>
<td>150</td>
<td>1050</td>
<td>1200</td>
<td>1500</td>
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<td>125</td>
<td>87.5</td>
<td>106.25</td>
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<td>100</td>
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</table>

**Installation Instructions**

For the tightening torque see installation instructions included in the lugs kit.

<table>
<thead>
<tr>
<th>Tmax T4N/PV UL</th>
<th>ABB</th>
</tr>
</thead>
</table>

**For tightening torque:**

- **Tmax T4N/PV UL**: ABB

- **CLACK**: 1 Nm  
  9 lb·in

- **Ø 0.15**
- **M8x12 mm**
- **M8x0.47”**
- **min 20.75 mm**
  **min 0.82”**
required wires (number x section)

<table>
<thead>
<tr>
<th>ambient T</th>
<th>40°C</th>
<th>50°C</th>
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</thead>
<tbody>
<tr>
<td>In (A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>1 x 8 AWG</td>
<td>1 x 6 AWG</td>
</tr>
<tr>
<td>50</td>
<td>1 x 8 AWG</td>
<td>1 x 4 AWG</td>
</tr>
<tr>
<td>80</td>
<td>1 x 4 AWG</td>
<td>1 x 2 AWG</td>
</tr>
<tr>
<td>100</td>
<td>1 x 3 AWG</td>
<td>1 x 1/0 AWG</td>
</tr>
<tr>
<td>125</td>
<td>1 x 1 AWG</td>
<td>1 x 20 AWG</td>
</tr>
<tr>
<td>150</td>
<td>1 x 1/0 AWG</td>
<td>1 x 30 AWG</td>
</tr>
<tr>
<td>200</td>
<td>1 x 3/0 AWG</td>
<td>1 x 300 kcmil</td>
</tr>
</tbody>
</table>