**AlumiConn®**

**Aluminum to Copper (AL-CU)**

*Consumer Products Safety Commission (CPSC) Approves AlumiConn® as a long-term repair method for aluminum wiring*

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**PRODUCT SPECIFICATIONS & MEASUREMENTS**

<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Selling Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>95104</td>
<td>Clam of 2</td>
</tr>
<tr>
<td>95110</td>
<td>Clam of 10</td>
</tr>
<tr>
<td>95125</td>
<td>Bag of 25</td>
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<tr>
<td>95135</td>
<td>Box of 100</td>
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<td>95145</td>
<td>Box of 1000</td>
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<td>95185</td>
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**UL LISTED INSTALLATION INSTRUCTIONS**

**IMPORTANT:** Turn off power before installing or removing connector. Product to be used in accordance with local and national codes.

1. Strip conductors 5/16”.
2. Insert conductor into wire port, fully seating conductor into port.
3. Tighten set screws to the torque indicated below, based on conductor size and material as indicated:
   - 10 in-lb #12 solid aluminum
   - 15 in-lb #10 solid aluminum
   - 15 in-lb all solid and stranded copper conductors

Do not over torque.

4. Once all conductors are installed, close lid taking care to verify latch is securely fastened.

**300V WIRE SIZES**

- #12 - #10 Solid Aluminum
- #18 - #10 Solid and Stranded Copper

**PRODUCT SPECIFICATIONS & MEASUREMENTS**

- Max. Voltage: 300V
- Wire Type: Copper/Aluminum
- Wire Range: Min #18/Max #10
- Temperature Rating: 105°C
- Flammability Rating: V-2
- Do not reuse
- One conductor only per port

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**UL 486C Listed to meet U.S. and Canadian specifications as a Pressure Screw Type Wire Connector**

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**3A. MANUFACTURER APPROVED ALTERNATE TORQUE METHOD FOR USE ON SOLID WIRE ONLY.**

Using a screwdriver, tighten set screw until it comes into contact with the solid conductor. Note location of screwdriver slot and continue tightening the set screw as indicated below:

- 1 full turn #12-#10 solid aluminum
- 1/2 turn #18-#10 solid copper

*Alternate torque method is not associated with UL listing above.*

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**Measurements are represented in inches**

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**Made in U.S.A.**

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**www.kinginnovation.com (P) 800.633.0232 (F) 636.519.5410**
Aluminum to Copper (AL-CU)

- **Three ports allow conductors to remain separate, permitting the lug to:**
  - **Provide lower resistance, therefore lower temperature**
  - **Provide longer-term reliability**

- One piece for easy installation
- Secure, mechanical lug designed for aluminum to copper (AL - CU) connections
- AlumiConn design features a tin plated lug with three ports and nickel-plated compression screws
- Versus other products designed for aluminum to copper conductors, AlumiConn:
  - Is a more cost-effective alternative for replacing aluminum electrical wire systems
  - Offers a solution that makes pig-tailing easier and safer
- AlumiConn is suitable for multiple types of connections including:
  - Aluminum to Aluminum
  - Aluminum to Copper
  - Copper to Copper
- Ports of connectors contain a layer of Corrosion Inhibitor that provides resistance from oxidation.

Typical installation of a copper pigtail.

Note: AL= Aluminum, CU= Copper. Also note that the 'power out' is optional and not always applicable, depending on how your wiring is set up.