

ALUMICONN®

ALUMINUM TO COPPER LUG

Aluminum to Copper (AL-CU)

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



Catalog #	Selling Unit
95104	Clam of 2
95110	Clam of 10
95125	Bag of 25
95135	Box of 100
95145	Box of 1000
95185	Box of 2500

AlumiConn Aluminum to Copper Lug

SUPERIOR QUALITY THROUGH...

- **Secure, mechanical connection of conductors**
- **Provides more safety**

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



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

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

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

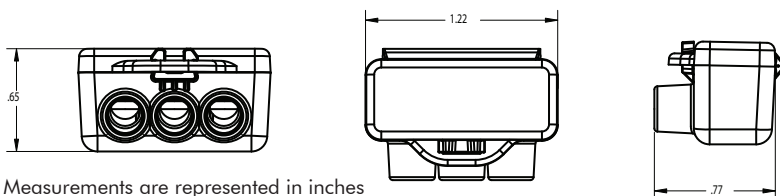
Using a screwdriver, tighten set screw until it comes into contact with the solid conductor.

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.



Measurements are represented in inches

KING INNOVATION® Made in U.S.A.

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AlumiConn® Aluminum to Copper Lug

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.

