

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. <u>Product to be used in accordance with local and national codes.</u>

- 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



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

PRODUCT SPECIFICATIONS & MEASUREMENTS

Max. Voltage: 300V

#18 - #10 Solid and Stranded Copper Wire Type: Copper/Aluminum Wire Range: Min #18/Max #10 Temperature Rating: 105°C Flammability Rating: V-2

Do not reuse

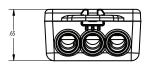
One conductor only per port

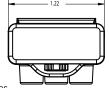
3A. MANUFACTURER APPROVED ALTERNATE TORQUE METHOD FOR USE ON SOLID WIRE ONLY.*

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



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.

AL power in
Receptacle Box
CU pigtail to device

AL power out
(optional)

AL power out
(optional)