

# ALUMICONN<sup>®</sup>

## ALUMINUM TO COPPER LUG

2 Port Aluminum to Copper Lug (AL-CU)

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



Catalog #	Selling Unit
95025	Bag of 25
95035	Box of 100
95045	Box of 1000
95085	Box of 2500

AlumiConn<sup>®</sup> 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.

- Strip conductors 5/16".
- Insert conductor into wire port, fully seating conductor into port.
- 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.

- 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.\*

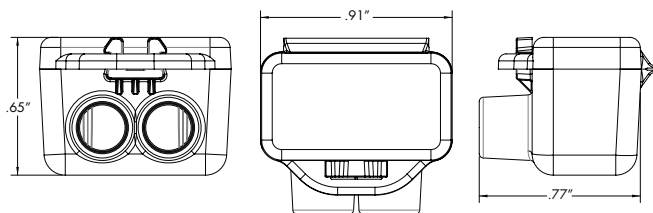
Using a screwdriver, tighten set screw until it comes into contact with the solid conductor.

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.



**KING**  
INNOVATION<sup>®</sup> Made in U.S.A.

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## AlumiConn® Aluminum to Copper Lug

### 2 Port Aluminum to Copper Lug (AL-CU)

- **Two 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 two 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.

