# **VAUTOMATION DIRECT**





### **Penn-Union Mechanical Connectors**

Penn-Union, a well known manufacturer of superior quality electrical connectors for over 90 years, provides reliable products that are relied upon to consistently perform in the most demanding applications. This selection of aluminum and copper lugs and neutral bars is an excellent choice to ensure proper and secure electrical connections with long service life, all with great prices and fast delivery from AutomationDirect.

#### **Aluminum Dual-Rated Lugs**

Penn-Union aluminum dual-rated lugs are heavy-duty high-strength aluminum connectors that provide reliable electrical connections for aluminum or copper conductors.



LA Series
1-Opening Aluminum
Dual-Rated Lugs



L2A Series
2-Opening Aluminum
Dual-Rated Lugs

- Provides quick and easy conductor installations
- · Low-resistance high-strength connections
- · Manufactured from high-duty aluminum alloy extrusion
- Electro-tin plated to ensure minimum contact resistance and corrosion protection
- Connectors are rated for 600V, 90°C applications
- When using these lugs, an oxide inhibitor is recommended for all aluminum terminations
- Available in various dimensions fit your application

### **Copper Tongue Lugs**

Penn-Union copper tongue lugs are designed for quick, easy, and longlasting installation of copper conductors in a wide variety of applications.



SAU and SLU Series
Copper Offset Tongue Lugs



SAS and SLS Series
Copper Straight Tongue Lugs

- Electrolytic copper construction for maximum conductivity and strength
- SAU/SLU concave pressure bar and V-bottom collar designs ensure positive and firm contact with permanent grip
- $\bullet \, \mathsf{SAU/SLU} \,\, \mathsf{offset} \, \mathsf{tongue} \, \mathsf{allows} \, \mathsf{a} \, \mathsf{wide} \, \mathsf{range} \, \mathsf{of} \, \mathsf{cable} \, \mathsf{to} \, \mathsf{equipment} \, \mathsf{pads} \, \mathsf{or} \, \mathsf{bars} \,$
- SAS/SLS series for use in power and grounding applications
- Use with copper conductors only
- Plated steel set screws resist corrosion

## Aluminum Dual Rated Panelboard Lugs



Penn-Union PB series panelboard lugs are ideal for applications with numerous electrical connections. Their stackable design allows for utmost space savings, while maintaining a low-resistance high-strength connection.

- Dual rating allows use with copper or aluminum conductors
- Available with 2, 3, or 4 openings
- High strength aluminum alloy extrusion construction
- Electro-tin plated for minimum contact resistance and corrosion protection
- Rated for 600V, 90°C applications
- When using these lugs, an oxide inhibitor is recommended for all aluminum terminations

### Aluminum and Copper Neutral Bars



Penn-Union NA (aluminum alloy) and NC (copper) series neutral bars are designed to handle up to 20 circuits (depending on model) on a single bar, and can be used in a variety of neutral and grounding applications.

- NA series can be used with copper or aluminum conductors, NC series with copper conductors only
- Available in various opening choices
- Constructed of high-strength extrusions
- Tin-plated mild steel screws