**LIGHTNING PROTECTION INFO.**

Basic rules for selection are:

1. Must be like material to the conductor.
2. Two bolts to ground rod - minimum.
3. Cable to cable connections can be anything, one bolt, two bolt, compression, etc.
4. Cable to steel structure must have 8 square inch contact with steel.
5. Heavy duty stacks - mechanical only.
6. On all connectors with heavy duty stack rating, we must offer 1/16" thick lead plating as an option. The reason for that is closest 25 ft. to stack opening must use lead coated product.

Complies with NFPA 78-86 Ordinary Structures. Complies with NFPA 78-86 Heavy Duty Stacks. (Order: LD for Lead Plating for Heavy Duty Stack applications.)

**SPECIAL FEATURES**

Other features are also available for products listed, such as undrilled or special drilling, 45° or 90° pad angles, belling for extra flexible cable, smooth or special threaded studs, special labeling or packaging, extra long braid, and nuclear certification. Please contact BURNDY Customer Service for any inquiries.

**REVOLUTIONARY BURNDY® DESIGN MEETS STRICT UL486B STANDARDS**

For use on all combinations

- Aluminum to aluminum
- Aluminum to copper
- Copper to copper

Patented

Triangular edges bite into cable to break through surface oxides:
- provide low contact resistance
- produces gas tight seal

Tin-plated contact surface inhibits oxide formation

Special heat-treated hard, aluminum alloy

Spacer provides built-in separation to retard galvanic corrosion

Anti-galling, high efficiency threaded components result in high contact force. Easily installed using standard, everyday wrenches.

Unique “bite and grip” TRITAP™ SERVIT® contact delivers safe, long-term reliability — even without scratch brushing ... without oxide inhibiting compounds.†

† When used in NEC applications of insulated cables only.

Available in sizes from #10 through 500 kcmil
TYPES KA-U, KKA-U

UNIVERSAL TERMINAL

For Aluminum and Copper Conductors

These dual-rated one-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

** Catalog Number** | **Fig. No.** | **Wire Range Aluminum or Copper** | **Stud Hole Size** | **D** | **L** | **N** | **W** | **E** | **T** | **H** | Recommended Tightening ▲ Torque (in-lb)
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
KA6U | 1 | 14 AWG-6 AWG | 1/4 | 0.63 | 1.06 | 0.25 | 0.50 | — | 0.09 | 0.51 | 45
KA2U | 1 | 6-2 | 1/4 | 0.63 | 1.16 | 0.31 | 0.50 | — | 0.10 | 0.56 | 50
KA25U | 1 | 14 AWG-1/0 | 1/4 | 0.81 | 1.50 | 0.44 | 0.63 | — | 0.19 | 0.92 | 50
KA26U | 2 | 6-2/0 | 1/4 | 0.81 | 1.47 | 0.45 | 0.63 | — | 0.19 | 0.80 | 120
KA29U | 2 | 6-250 | 5/16 | 0.94 | 2.00 | 0.47 | 1.00 | — | 0.25 | 1.14 | 275
KA30U | 2 | 6 AWG-300 kcmil | 5/16 | 0.94 | 2.00 | 0.45 | 1.00 | — | 0.25 | 1.14 | 275
KA31U | 2 | 6 AWG-350 kcmil | 3/8 | 1.03 | 2.25 | 0.52 | 1.13 | — | 0.25 | 1.27 | 275
KA34U | 2 | 4 AWG-500 kcmil | 3/8 | 1.50 | 2.81 | 0.88 | 1.51 | — | 0.31 | 1.58 | 500
KA36U | 2 | 2 AWG-600 kcmil | 3/8 | 1.72 | 3.19 | 0.78 | 1.50 | — | 0.44 | 1.58 | 500
KA40U | 2 | 300 kcmil-800 kcmil | 1/2 | 1.85 | 3.50 | 0.81 | 1.75 | — | 0.50 | 1.95 | 500
KA44U | 2 | 500 kcmil-1000 kcmil | 1/2 | 1.69 | 3.50 | 0.88 | 1.75 | — | 0.50 | 1.95 | 500
KKA31U-2N | 3 | 6 AWG-350 kcmil | 1/2 | 3.16 | 5.50 | 0.63 | 1.25 | 1.75 | 0.38 | 1.52 | 275
KKA36U-2N | 4 | 2 AWG-600 kcmil | 1/2 | 3.22 | 4.69 | 0.63 | 1.50 | 1.75 | 0.44 | 1.57 | 500
KA40U-2N | 4 | 300 kcmil-800 kcmil | 1/2 | 3.03 | 4.75 | 0.63 | 1.75 | 1.75 | 0.50 | 1.95 | 500
KA44U-2N | 4 | 500 kcmil-1000 kcmil | 1/2 | 3.03 | 4.75 | 0.63 | 1.75 | 1.75 | 0.50 | 1.95 | 500
KA30226U | 5 | 2 Str. - 300 kcmil or (2) 4 Str. - 2/0 Str. | 5/16 | 1.31 | 2.31 | 2.00 | 0.86 | — | 0.25 | 1.50 | 275
KA36229U | 5 | 4 Str. - 600 kcmil or (2) 250 kcmil - 1/0 Str. | 5/8 | 1.50 | 2.81 | 1.00 | 1.38 | — | 0.31 | 1.81 | 375
KA39229U | 5 | 1/0 Str. - 750 kcmil or (2) 1/0 Str. - 250 kcmil | 1/2 | 1.50 | 2.81 | 1.00 | 1.38 | — | 0.31 | 1.81 | 375

* ‘N’ indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated.
** Maximum dimension.

Blue highlighted items are industry standard and most frequently ordered.