

## Aluminum, Mechanical Lug, Two Conductor Dual Rated (AL9CU)

### Features

- Manufactured from high strength aluminum alloy
- Chamfered entry
- Electro-Tin plated for corrosion resistance
- UL486A/B Listed for Wire Connectors
- CSA certified to standard 22.2
- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation

### Standard Material

- Aluminum

### Standard Finish

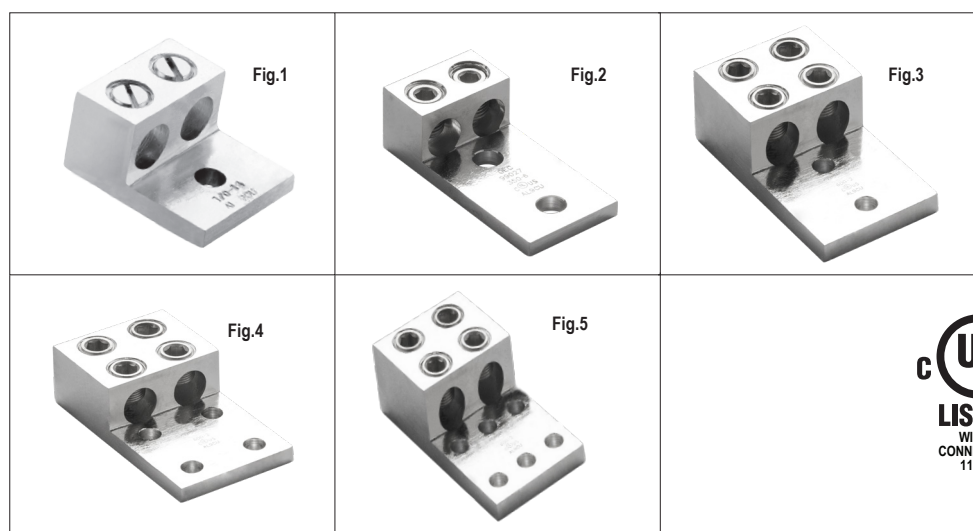
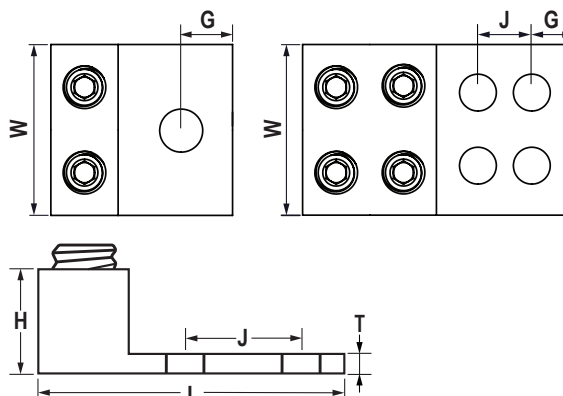
- Electro-tin plated

### Electrical Rating

- Voltage Rating: 600 V
- Maximum Circuit Rating: 35 kV
- Temperature Rating: 90°C

### We Supply

- Suffix "-1/4", "-5/16", "-3/8", "-1/2", "-5/8", for special mounting stud holes.



## For Aluminum and Copper Conductors

| Catalog ID | Fig. No. | Conductor Range | Bolt Size | Dimensions In Inches |      |      |      |      |      | Wrench Style |  | Torque in (lbs) |
|------------|----------|-----------------|-----------|----------------------|------|------|------|------|------|--------------|--|-----------------|
|            |          |                 |           | L                    | W    | H    | T    | J    | G    |              |  |                 |
| 99012      | 1        | 1/0-14          | 1/4       | 1.46                 | 1.22 | 0.79 | 0.19 | 0.44 | 0.43 | Slotted      |  | 40              |
| 99013      |          | 2/0-14          | 1/4       | 1.46                 | 1.22 | 0.79 | 0.19 | 0.44 | 0.43 | Allen Hex    |  | 120             |
| 99014      |          | 250-6           | 3/8       | 2.56                 | 1.66 | 1.19 | 0.25 | 0.44 | 0.87 | Allen Hex    |  | 225             |
| 99015      |          | 350-6           | 1/2       | 2.87                 | 1.91 | 1.22 | 0.25 | 0.62 | 0.87 | Allen Hex    |  | 225             |
| 99016      |          | 600-2           | 1/2       | 3.20                 | 2.40 | 1.57 | 0.44 | 0.62 | 0.62 | Allen Hex    |  | 400             |
| 99017      |          | 800-300         | 5/8       | 3.35                 | 3.19 | 1.94 | 0.50 | 0.87 | 0.87 | Allen Hex    |  | 400             |
| 99018      |          | 1000-350        | 5/8       | 3.37                 | 3.19 | 1.94 | 0.50 | 0.87 | 0.87 | Allen Hex    |  | 500             |
| 99013A     | 2        | 2/0-14          | 1/4       | 2.30                 | 1.22 | 0.79 | 0.19 | 0.75 | 0.43 | Allen Hex    |  | 120             |
| 99014A     |          | 250-6           | 3/8       | 4.12                 | 1.66 | 1.19 | 0.25 | 1.75 | 0.97 | Allen Hex    |  | 225             |
| 99018A     |          | 1000-350        | 1/2       | 4.62                 | 3.19 | 1.94 | 0.50 |      | 0.87 | Allen Hex    |  | 500             |
| 99027      |          | 350-6           | 1/2       | 4.13                 | 1.91 | 1.22 | 0.31 |      | 0.87 | Allen Hex    |  | 225             |
| 99028      |          | 600-4           | 1/2       | 4.22                 | 2.40 | 1.57 | 0.44 |      | 0.62 | Allen Hex    |  | 400             |
| 99029      |          | 800-350         | 1/2       | 4.62                 | 3.19 | 1.94 | 0.50 |      | 0.62 | Allen Hex    |  | 400             |

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|------------|----------|-----------------|-----------|----------------------|------|------|------|------|------|--------------|--|-----------------|
|            |          |                 |           | L                    | W    | H    | T    | J    | G    |              |  |                 |
| 99027-DS   | 3        | 350-6           | 1/2       | 5.15                 | 1.91 | 1.22 | 0.31 | 1.75 | 0.62 | Allen Hex    |  | 225             |
| 99028A     |          | 600-4           |           | 5.88                 | 2.40 | 1.57 | 0.44 |      | 0.62 | Allen Hex    |  | 400             |
| 99029-DS   |          | 800-300         |           | 5.75                 | 3.00 | 1.94 | 0.50 |      | 0.62 | Allen Hex    |  | 400             |
| 99029A     |          | 1000-350        |           | 5.75                 | 3.50 | 1.94 | 0.50 |      | 0.62 | Allen Hex    |  | 400             |
| 99027-DS-4 | 4        | 350-6           | 1/2       | 5.15                 | 1.91 | 1.22 | 0.31 | 1.75 | 0.62 | Allen Hex    |  | 225             |
| 99029-DS-4 |          | 800-300         | 1/2       | 5.75                 | 3.00 | 1.94 | 0.50 |      | 0.62 | Allen Hex    |  | 400             |
| 99029A-4   |          | 1000-500        | 1/2       | 5.75                 | 3.50 | 1.94 | 0.50 |      | 0.62 | Allen Hex    |  | 400             |
| 99027-DS-6 | 5        | 350-6           | 1/4       | 5.15                 | 1.91 | 1.22 | 0.31 | 1.75 | 0.62 | Allen Hex    |  | 225             |
| 99029-DS-6 |          | 800-300         | 1/2       | 5.75                 | 3.00 | 1.94 | 0.50 |      | 0.62 | Allen Hex    |  | 400             |
| 99029A-6   |          | 1000-350        | 1/2       | 5.75                 | 3.50 | 1.94 | 0.50 |      | 0.62 | Allen Hex    |  | 400             |

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)  
We suggest using an oxide inhibitor for every aluminum termination.