

## Aluminum, Mechanical Lug, Three 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

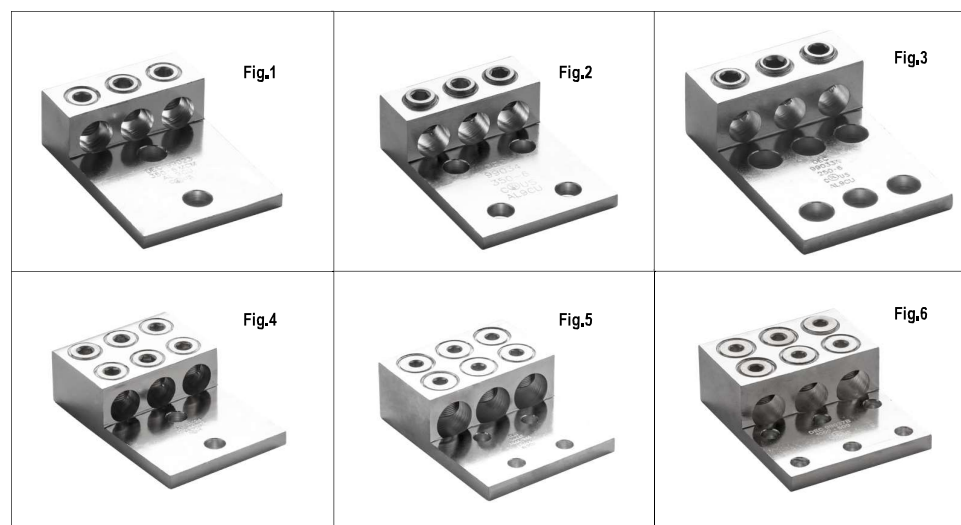
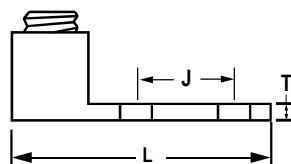
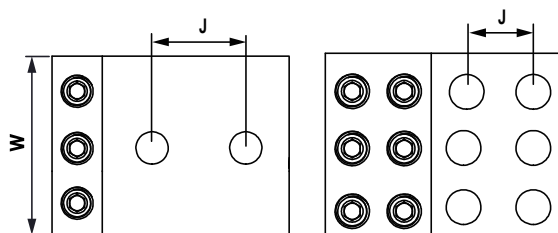
- Electro-tin plated

### 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 | Stud Size | Dimensions In Inches |      |      |      |      | Wrench Style |   | Torque in (lbs) |
|------------|----------|-----------------|-----------|----------------------|------|------|------|------|--------------|---|-----------------|
|            |          |                 |           | L                    | W    | H    | T    | J    |              |   |                 |
| 99020      | 1        | 1/0-14          | 3/8       | 2.90                 | 2.00 | 0.79 | 0.25 | 1.00 | Slotted      | ⊖ | 40              |
| 99020A     |          | 2/0-14          | 1/2       | 3.86                 | 2.13 | 0.87 | 0.25 | 1.75 | Allen Hex    | ⬡ | 40              |
| 99021      |          | 3/0-6           |           | 3.86                 | 2.13 | 1.11 | 0.25 | 1.00 | Allen Hex    | ⬡ | 225             |
| 99022      |          | 250-6           |           | 4.13                 | 2.75 | 1.19 | 0.31 | 1.75 | Allen Hex    | ⬡ | 225             |
| 99023      |          | 350-6           |           | 4.13                 | 3.00 | 1.25 | 0.31 | 1.75 | Allen Hex    | ⬡ | 225             |
| 99024A     |          | 500-2           |           | 4.58                 | 3.76 | 1.62 | 0.44 | 1.75 | Allen Hex    | ⬡ | 400             |
| 99031      | 2        | 1/0-14          | 3/8       | 2.90                 | 2.00 | 0.87 | 0.25 | 1.00 | Slotted      | ⊖ | 40              |
| 99020A-4   |          | 2/0-14          | 1/2       | 3.86                 | 2.13 | 0.87 | 0.25 | 1.75 | Allen Hex    | ⬡ | 40              |
| 99021-4    |          | 3/0-6           |           | 3.86                 | 2.13 | 1.11 | 0.25 | 1.75 | Allen Hex    | ⬡ | 225             |
| 99032      |          | 3/0-6           |           | 3.86                 | 2.13 | 1.11 | 0.31 | 1.75 | Allen Hex    | ⬡ | 225             |
| 99033      |          | 250-6           |           | 4.13                 | 2.83 | 1.19 | 0.31 | 1.75 | Allen Hex    | ⬡ | 225             |
| 99034      |          | 350-6           |           | 4.13                 | 3.00 | 1.25 | 0.31 | 1.75 | Allen Hex    | ⬡ | 225             |
| 99024A-4   |          | 500-2           |           | 4.58                 | 3.76 | 1.62 | 0.44 | 1.75 | Allen Hex    | ⬡ | 400             |

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| Catalog ID | Fig. No. | Conductor Range | Stud Size | Dimensions In Inches |      |      |      |      | Wrench Style |                                                                                     | Torque in (lbs) |
|------------|----------|-----------------|-----------|----------------------|------|------|------|------|--------------|-------------------------------------------------------------------------------------|-----------------|
|            |          |                 |           | L                    | W    | H    | T    | J    |              |                                                                                     |                 |
| 99022-6    | 3        | 250-6           | 3/8       | 4.13                 | 2.75 | 1.25 | 0.31 | 1.75 | Allen Hex    |  | 400             |
| 99023-6    |          | 350-6           | 1/2       | 4.13                 | 3.00 | 1.25 | 0.31 | 1.75 | Allen Hex    |  | 275             |
| 99024A-6   |          | 500-2           |           | 4.58                 | 3.76 | 1.62 | 0.44 | 1.75 | Allen Hex    |  | 400             |
| 99024      | 4        | 600-2           |           | 2.75                 | 3.76 | 1.62 | 0.44 | 1.75 | Allen Hex    |  | 400             |
| 99025      |          | 800-300         |           | 2.75                 | 3.84 | 1.62 | 0.50 | 1.75 | Allen Hex    |  | 400             |
| 99026      |          | 1000-500        |           | 4.50                 | 4.57 | 1.94 | 0.50 | 1.75 | Allen Hex    |  | 600             |
| 99035      | 5        | 600-2           |           | 5.58                 | 3.76 | 1.62 | 0.44 | 1.75 | Allen Hex    |  | 400             |
| 99036      |          | 800-350         |           | 5.75                 | 4.57 | 1.94 | 0.50 | 1.75 | Allen Hex    |  | 400             |
| 99037      |          | 1000-500        |           | 5.75                 | 4.57 | 1.94 | 0.50 | 1.75 | Allen Hex    |  | 600             |
| 99035B     | 6        | 600-2           |           | 5.58                 | 3.76 | 1.62 | 0.44 | 1.35 | Allen Hex    |  | 400             |
| 99036B     |          | 800-350         |           | 5.75                 | 4.57 | 1.94 | 0.50 | 1.75 | Allen Hex    |  | 400             |
| 99037B     |          | 1000-500        |           | 5.75                 | 4.57 | 1.94 | 0.50 | 1.75 | Allen Hex    |  | 600             |

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)