

## Aluminum, Mechanical Lug, One Conductor, I-Beam Style 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

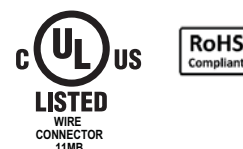
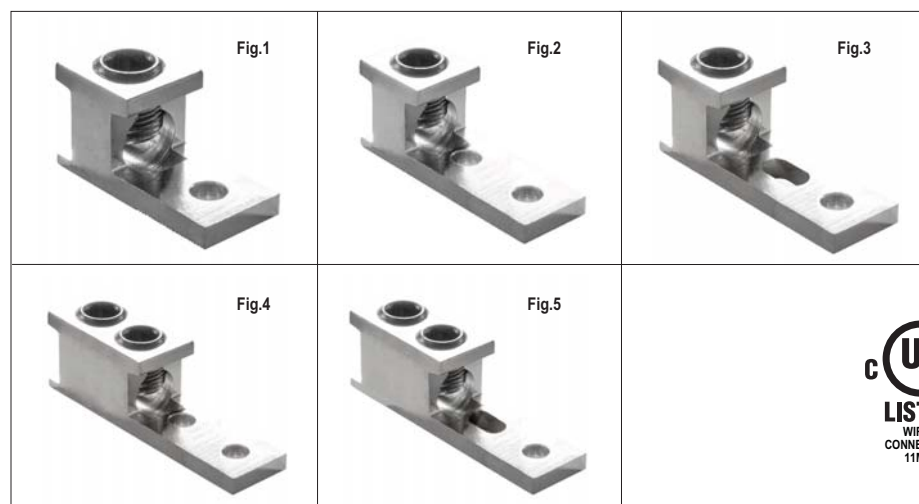
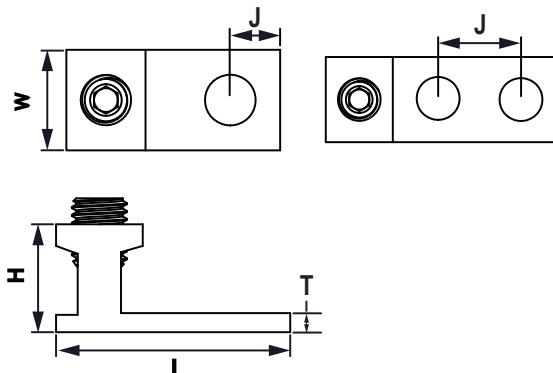
- Electro-tin plated

### 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    |              |   |                 |
| 99901      | 1        | 6-14            | 1/4       | 1.06                 | 0.50 | 0.49 | 0.09 | 0.25 | Slotted      | ⬤ | 35              |
| 99902      |          | 4-14            |           | 1.06                 | 0.50 | 0.49 | 0.09 | 0.25 | Slotted      | ⬤ | 50              |
| 99903      |          | 2-14            |           | 1.16                 | 0.50 | 0.55 | 0.10 | 0.25 | Slotted      | ⬤ | 50              |
| 99904      |          | 1/0-14          |           | 1.31                 | 0.62 | 0.78 | 0.16 | 0.25 | Allen Hex    | ⬤ | 120             |
| 99905      |          | 2/0-14          |           | 1.47                 | 0.63 | 0.78 | 0.19 | 0.25 | Allen Hex    | ⬤ | 120             |
| 99905A     |          | 4/0-6           | 5/16      | 2.00                 | 0.88 | 1.09 | 0.22 | 0.38 | Allen Hex    | ⬤ | 354             |
| 99906      |          | 250-6           |           | 2.00                 | 0.88 | 1.09 | 0.22 | 0.38 | Allen Hex    | ⬤ | 400             |
| 99907      |          | 300-6           |           | 2.00                 | 1.00 | 1.13 | 0.25 | 0.62 | Allen Hex    | ⬤ | 400             |
| 99908      |          | 350-4           | 5/16      | 2.25                 | 1.00 | 1.19 | 0.25 | 0.62 | Allen Hex    | ⬤ | 400             |
| 99909      |          | 500-4           | 3/8       | 2.80                 | 1.25 | 1.44 | 0.31 | 0.62 | Allen Hex    | ⬤ | 531             |
| 99910      |          | 600-2           |           | 2.80                 | 1.43 | 1.56 | 0.31 | 0.62 | Allen Hex    | ⬤ | 619             |
| 99911      |          | 750-1/0         | 5/8       | 3.19                 | 1.43 | 1.56 | 0.44 | 0.62 | Allen Hex    | ⬤ | 796             |
| 99912      |          | 1000-300        | 1/2       | 3.50                 | 1.62 | 1.94 | 0.44 | 0.87 | Allen Hex    | ⬤ | 796             |

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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    |              |  |                 |
| 99908A      | 2        | 350-4           | 3/8       | 4.25                 | 1.00 | 1.19 | 0.25 | 0.75 | Allen Hex    |  | 400             |
| 99909A      |          | 500-4           |           | 4.59                 | 1.25 | 1.44 | 0.31 |      | Allen Hex    |  | 531             |
| 99910A      |          | 600-4           | 1/2       | 4.59                 | 1.25 | 1.56 | 0.38 |      | Allen Hex    |  | 619             |
| 99911A      |          | 750-1/0         | 5/8       | 4.62                 | 1.43 | 1.56 | 0.44 |      | Allen Hex    |  | 796             |
| 99912A      |          | 1000-300        | 1/2       | 4.62                 | 1.63 | 1.94 | 0.44 |      | Allen Hex    |  | 796             |
| 99908-SM    | 3        | 350-4           | 3/8       | 4.25                 | 1.00 | 1.19 | 0.25 | 1.75 | Allen Hex    |  | 400             |
| 99909-SM    |          | 500-4           |           | 4.59                 | 1.25 | 1.44 | 0.31 |      | Allen Hex    |  | 531             |
| 99910-SM    |          | 600-4           | 1/2       | 4.59                 | 1.25 | 1.56 | 0.38 |      | Allen Hex    |  | 619             |
| 99911-SM    |          | 750-1/0         | 5/8       | 4.62                 | 1.43 | 1.56 | 0.44 |      | Allen Hex    |  | 796             |
| 99912-SM    |          | 1000-300        | 1/2       | 4.62                 | 1.63 | 1.94 | 0.44 |      | Allen Hex    |  | 796             |
| 99908DS     | 4        | 350-4           |           | 5.25                 | 1.00 | 1.19 | 0.25 | 1.75 | Allen Hex    |  | 400             |
| 99909DS     |          | 500-4           | 3/8       | 5.75                 | 1.50 | 1.56 | 0.38 |      | Allen Hex    |  | 531             |
| 99910DS     |          | 600-4           | 1/2       | 5.75                 | 1.50 | 1.56 | 0.38 |      | Allen Hex    |  | 619             |
| 99911DS     |          | 750-1/0         | 5/8       | 6.20                 | 1.43 | 1.56 | 0.44 |      | Allen Hex    |  | 796             |
| 99912DS     |          | 1000-300        | 1/2       | 6.20                 | 1.63 | 1.94 | 0.44 |      | Allen Hex    |  | 796             |
| 99908-SMD2S | 5        | 350-4           |           | 5.25                 | 1.00 | 1.19 | 0.25 | 1.75 | Allen Hex    |  | 400             |
| 99909-SMD2S |          | 500-4           | 3/8       | 5.75                 | 1.50 | 1.56 | 0.31 |      | Allen Hex    |  | 531             |
| 99910-SMD2S |          | 600-4           | 1/2       | 5.75                 | 1.50 | 1.56 | 0.38 |      | Allen Hex    |  | 619             |
| 99911-SMD2S |          | 750-1/0         | 5/8       | 6.20                 | 1.43 | 1.56 | 0.44 |      | Allen Hex    |  | 796             |
| 99912-SMD2S |          | 1000-300        | 1/2       | 6.20                 | 1.63 | 1.94 | 0.44 |      | Allen Hex    |  | 796             |

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