



**SKU:** PB2-500

**UPC:** 0783669184266

**Features & Benefits:**

**Description:** Aluminum Panelboard Lug, Dual Rated, Conductor Range 500-4/0, 2 Ports, 2 Holes, 1/4in Bolt Size, 11/16in Hole Spacing, Tin Plated, UL, CSA

## Specs

### Additional Class Attributes

|                            |               |
|----------------------------|---------------|
| Connection                 | Mechanical    |
| Contains DE-OX®            | No            |
| Mounting Hole Type         | Thru          |
| Number of Conductors       | 2             |
| Number of Mounting Holes   | 2             |
| Number of Poles            | 1             |
| Number of Ports / Wireways | 2             |
| Wire Orientation           | Perpendicular |

### Dimensions

|                             |              |
|-----------------------------|--------------|
| Dimension G (IN)            | 0.25         |
| Drive Size Main             | 3/8          |
| Drive Type Main             | Internal Hex |
| Height (IN)                 | 2.375        |
| Height BX (IN)              | 2.25         |
| Height (mm)                 | 60.325       |
| Length (IN)                 | 2.906        |
| Length (mm)                 | 73.8124      |
| Mounting Hole Diameter (IN) | 0.281        |
| Mounting Hole Diameter (mm) | 7.1374       |
| Mounting Hole Spacing (IN)  | 0.688        |
| Mounting Hole Spacing (mm)  | 17.4752      |
| Tang Length (IN)            | 1.688        |
| Tang Length (mm)            | 42.8752      |
| Tang Thickness (IN)         | 0.625        |
| Tang Thickness (mm)         | 15.875       |
| Tang Width (IN)             | 1.438        |
| Tang Width (mm)             | 36.5252      |
| Weight (LB)                 | 0.402        |
| Weight BX (LB)              | 2.1068       |
| Width (IN)                  | 1.438        |
| Width BX (IN)               | 5            |
| Width (mm)                  | 36.5252      |

### Material and Finish

|                    |        |
|--------------------|--------|
| Conductor Material | Copper |
| Connector Finish   | Tin    |

|                                |          |
|--------------------------------|----------|
| Insulation                     | NA       |
| Material                       | Aluminum |
| Wire Binding Hardware Finish   | Tin      |
| Wire Binding Hardware Material | Aluminum |

### Additional Technical Specifications

|                |          |
|----------------|----------|
| Conductor Type | Stranded |
|----------------|----------|

### Bolt and Screw Sizes

|  |     |
|--|-----|
| Mounting Bolt/Stud Size                | 1/4 |
| Number of Wire Binding Screws per Port | 1   |
| Wire Binding Screw Size                | 3/4 |
| Wire Binding Torque                    | 375 |

### General

|                             |                |
|-----------------------------|----------------|
| Bag Quantity                | 1              |
| Carton Quantity Description | STD PACK QTY 3 |
| Direct Burial               | No             |
| Dual Rated                  | Yes            |
| NEMA Code                   | S-588-3        |
| UPC Code                    | 78366918426    |

### Testing Standards

|                          |   |
|--------------------------|---|
| CSA File Number          | LR-29601  |
| CSA Standard             | C22.2 No. 65-03   |
| Prop65 Compliance        | This product is in compliance with Prop65. It is not known to contain any chemicals associated with this regulation |
| ROHS Indicator           | IND   |
| UL / CULUS Specification | UL 486A/B Listed  |
| UL File Number           | E6207   |

### Environment and Temperature

|                    |      |
|--------------------|------|
| Temperature Rating | 90°C |
|--------------------|------|

### Color

|       |        |
|-------|--------|
| Color | Silver |
|-------|--------|

### Conductor Ranges

|  |                     |
|--|---------------------|
| Conductor Range AL Solid (Secondary, tap, load)        | NA                  |
| Conductor Range AL Stranded (Primary, run, main, line) | 500 kcmil - 4/0 Str |
| Conductor Range AL Stranded (Secondary, tap, load)     | NA                  |
| Conductor Range CU Solid (Primary, run, main, line)    | NA                  |
| Conductor Range CU Solid (Secondary, tap, load)        | NA                  |
| Conductor Range CU Stranded (Primary, run, main, line) | 500 kcmil - 4/0 Str |
| Conductor Range CU Stranded (Secondary, tap, load)     | NA                  |
| Conductor Range AL Solid (Primary, run, main, line)    | NA                  |

**Voltage**

**Voltage Rating**

35 kV