

**SKU:** USGL-1000R168

**UPC:** 0783669003239

**Features & Benefits:**

**Description:** Cleartrax Aluminum Lay-In Connector, Dual Rated, Conductor Range 1000-1/0, 8 Ports, 16 Holes, UL



## Specs

### Additional Class Attributes

|                            |               |
|----------------------------|---------------|
| Connection                 | Mechanical    |
| Contains DE-OX®            | No            |
| Mounting Hole Type         | Thru          |
| Number of Conductors       | 8             |
| Number of Mounting Holes   | 16            |
| Number of Poles            | 1             |
| Number of Ports / Wireways | 8             |
| Wire Orientation           | Perpendicular |

### Dimensions

|                              |              |
|------------------------------|--------------|
| Dimension G (IN)             | 0.625        |
| Dimension G (mm)             | 15.875       |
| Drive Size Main              | 5/16         |
| Drive Type Main              | Internal Hex |
| Height (IN)                  | 1.875        |
| Height BX (IN)               | 6.75         |
| Length (IN)                  | 6.187        |
| Mounting Bolt/Stud Size (mm) | 304.8        |
| Mounting Hole Diameter (IN)  | 0.562        |
| Mounting Hole Diameter (mm)  | 14.2748      |
| Mounting Hole Spacing (IN)   | 1.75         |
| Mounting Hole Spacing (mm)   | 44.45        |
| Tang Length (IN)             | 3.437        |
| Tang Length (mm)             | 87.2998      |
| Tang Thickness (IN)          | 0.562        |
| Tang Thickness (mm)          | 14.2748      |
| Tang Width (IN)              | 13.809       |
| Tang Width (mm)              | 350.7486     |
| Weight (LB)                  | 7.336        |
| Weight BX (LB)               | 29.8971      |
| Width (IN)                   | 13.809       |
| Width BX (IN)                | 14           |

### Material and Finish

|                    |        |
|--------------------|--------|
| Conductor Material | Copper |
| Connector Finish   | Clear  |
| 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                | 1/2   |
| Number of Wire Binding Screws per Port | 2     |
| Wire Binding Screw Size                | 15/16 |
| Wire Binding Torque                    | 500   |

### General

|                             |                |
|-----------------------------|----------------|
| Bag Quantity                | 1              |
| Carton Quantity Description | STD PACK QTY 4 |
| Dual Rated                  | Yes            |
| NEMA Code                   | S-569-1        |
| UPC Code                    | 78366900323    |

### Testing Standards

|                          |   |
|--------------------------|---|
| Prop65 Compliance        | This product is in compliance with Prop65. It is not known to contain any chemicals associated with this regulation |
| 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) | 1000 kcmil - 1/0 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) | 1000 kcmil - 1/0 Str |
| Conductor Range CU Stranded (Secondary, tap, load)     | NA                   |
| Conductor Range AL Solid (Primary, run, main, line)    | NA                   |

### Voltage

|                |       |
|----------------|-------|
| Voltage Rating | 35 kV |
|----------------|-------|

