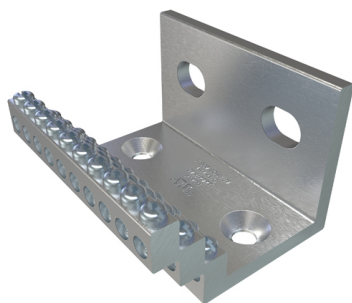




**SKU:** SCN-30

**UPC:** 0783669960440

**Features & Benefits:**

**Description:** Aluminum Solar Combiner Node, Dual Rated, Main Conductor Range 4-14, Tap Range 1000-6, 30 Main Ports, 1-4 Tap Ports, Tin Plated, UL

## Specs

### Additional Class Attributes

|                                    |            |
|------------------------------------|------------|
| Connection                         | Mechanical |
| Mounting Hole Type                 | Thru       |
| Number of Conductors               | 1          |
| Number of Conductors per Port Main | 1          |
| Number of Conductors per Port Tap  | 1          |
| Number of Mounting Holes           | 2          |
| Number of Poles                    | 1          |
| Number of Ports Tap                | 1          |

### Dimensions

|                             |         |
|-----------------------------|---------|
| Dimension G (IN)            | 0.518   |
| Dimension G (mm)            | 13.1572 |
| Drive Size Main             | NA      |
| Drive Type Main             | Slotted |
| Height (IN)                 | 2.25    |
| Height BX (IN)              | 2.75    |
| Height (mm)                 | 57.15   |
| Length (IN)                 | 3.536   |
| Length (mm)                 | 89.8144 |
| Mounting Hole Diameter (IN) | 0.343   |
| Mounting Hole Diameter (mm) | 8.7122  |
| Mounting Hole Spacing (IN)  | 2.5     |
| Mounting Hole Spacing (mm)  | 63.5    |
| Weight (LB)                 | 0.664   |
| Weight BX (LB)              | 0.8294  |
| Width (IN)                  | 2.925   |
| Width BX (IN)               | 5       |
| Width (mm)                  | 74.295  |

### Material and Finish

|                                |                               |
|--------------------------------|-------------------------------|
| Conductor Material             | Copper                        |
| Connector Finish               | Tin                           |
| Insulation                     | NA                            |
| Material                       | Aluminum                      |
| Wire Binding Hardware Finish   | Zinc Clear Trivalent Chromate |
| Wire Binding Hardware Material | Steel                         |

## Additional Technical Specifications

|                |       |
|----------------|-------|
| Conductor Type | Solid |
|----------------|-------|

## Bolt and Screw Sizes

|                                        |                |
|----------------------------------------|----------------|
| Mounting Bolt/Stud Size                | 11/32          |
| Number of Wire Binding Screws per Port | 1              |
| Wire Binding Screw Size                | 1/4            |
| Wire Binding Torque                    | 4 - 6 AWG = 35 |

## General

|                             |                |
|-----------------------------|----------------|
| Bag Quantity                | 1              |
| Carton Quantity Description | STD PACK QTY 1 |
| Dual Rated                  | Yes            |
| NEMA Code                   | S-588-3        |
| UPC Code                    | 78366996044    |

## Testing Standards

|                          |                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| Prop65 Compliance        | This product is in compliance with Prop65. It is not known to contain any chemicals associated with this regulation |
| UL Control Number        | NA                                                                                                                  |
| UL / CULUS Specification | UL 486A/B Recognized                                                                                                |
| 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) | 4 Str - 14 Str     |
| Conductor Range AL Stranded (Secondary, tap, load)     | 1000 kcmil - 6 Str |
| Conductor Range CU Solid (Primary, run, main, line)    | 10 Sol - 14 Sol    |
| Conductor Range CU Solid (Secondary, tap, load)        | NA                 |
| Conductor Range CU Stranded (Primary, run, main, line) | 4 Str - 14 Str     |
| Conductor Range CU Stranded (Secondary, tap, load)     | 1000 kcmil - 6 Str |
| Conductor Range AL Solid (Primary, run, main, line)    | 10 Sol - 14 Sol    |
| Wire Combinations                                      | NA                 |

## Voltage

|                |        |
|----------------|--------|
| Voltage Rating | 2000 V |
|----------------|--------|