



Substation - Connector

By Burndy  
Catalog # [NBCR42A34N](#)

Substation Connectors



Application

Substation

Specifications

|                                    |    |
|------------------------------------|----|
| Certification - ETL                | No |
| Certification - UL Recognized      | No |
| Standards - RoHS Compliance Status | EX |
| Certification - cULus              | No |
| UL Listed                          | No |
| Certification - CSA Approved       | No |

Conductor

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductor - Connection Combination | Cable to Flat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Conductor - AL Str Size            | <ul style="list-style-type: none"><li>600 kcmil</li><li>636 kcmil</li><li>650 kcmil</li><li>700 kcmil</li><li>715 kcmil</li><li>750 kcmil</li><li>795 kcmil</li><li>800 kcmil</li><li>874 kcmil</li><li>900 kcmil</li></ul>                                                                                                                                                                                                                                                                                                                                                                                           |
| Conductor - AL Str Size Range      | 600 kcmil-900 kcmil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conductor Type                     | <ul style="list-style-type: none"><li>AL C Str-Size</li><li>ACSR C Str-Size</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conductor - ACSR Str Size          | <ul style="list-style-type: none"><li>477.0 (18/1) Pelican kcmil</li><li>477.0 (24/7) Flicker kcmil</li><li>477.0 (26/7) Hawk kcmil</li><li>477. (30/7) Hen kcmil</li><li>500.0 (30/7) Heron kcmil</li><li>556.5 (24/7) Parakeet kcmil</li><li>556.5 (26/7) Dove kcmil</li><li>556.5 (30/7) Eagle kcmil</li><li>605 (24/7) Peacock kcmil</li><li>605 (26/7) Squab kcmil</li><li>605 (30/19) Teal kcmil</li><li>636 (24/7) Rook kcmil</li><li>636 (26/7) Grosbeak kcmil</li><li>636 (30/19) Egret kcmil</li><li>666.6 (24/7) Flamingo kcmil</li><li>715.5 (54/7) Crow kcmil</li><li>715.5 (24/7) Stilt kcmil</li></ul> |

Conductor - ACSR Str Size Range

- 715.5 (26/7) Starling kcmil
- 715.5 (30/19) Redwing kcmil
- 795 (54/7) Condor kcmil
- 477.0 (18/1) Pelican kcmil-795 (54/7) Condor kcmil

Configuration

|                                               |                    |
|-----------------------------------------------|--------------------|
| Physical Attribute - Pad Orientation          | 90 Degree          |
| Physical Attribute - Number of Tap Conductors | 1                  |
| Physical Attribute - Pad Configuration        | 3 x 3.25 - 4 holes |
| Physical Attribute - Pad Alignment            | Centered           |
| Physical Attribute - Number of Run Conductors | 1                  |
| Physical Attribute - Number of Holes          | 4                  |
| Connector Type                                | T-Connector        |

Dimensions

|                                           |           |
|-------------------------------------------|-----------|
| Dimension - Pad Size inch                 | 3 x 3.25  |
| Dimension - Pad Width inch                | 3.00 in   |
| Package Height                            | 0.000 in  |
| Dimension - Height mm                     | 63.5 mm   |
| Dimension - Hole Size fraction            | 9/16      |
| Dimension - Height inch                   | 2.50 in   |
| Package Weight                            | 0.000 lb. |
| Dimension - Width mm                      | 75 mm     |
| Dimension - Width inch                    | 2.94 in   |
| Package Length                            | 0.000 in  |
| Dimension - F Width Center to Center inch | 1.75 in   |
| Package Width                             | 0.000 in  |
| Dimension - L Length Overall mm           | 171 mm    |
| Dimension - B Length inch                 | 3.50 in   |
| Dimension - D inch                        | 3.25 in   |
| Dimension - N inch                        | 0.62 in   |
| Dimension - Hole Size inch                | 0.56 in   |
| Dimension - Length Overall inch           | 6.75 in   |

Force Related

|                         |                |                                   |                |
|-------------------------|----------------|-----------------------------------|----------------|
| Installation Torque     | 300 LBS/in     | UPC 12 Digit                      | 781810157602   |
| Recommended in-lb       |                | UPC 14 Digit GTIN                 | 00781810157602 |
| <b>General</b>          |                | <b>Logistics</b>                  |                |
| Plated                  | N              | Pallet Quantity                   | 1              |
| Material - Hardware     | Aluminum       | Carton Quantity                   | 1              |
| One Wrench Installation | Y              | <b>Product Assets</b>             |                |
| UPC                     | 781810157602   | <a href="#">Catalog [English]</a> |                |
| Material                | Aluminum Alloy |                                   |                |
| Plating Type            | Unplated       |                                   |                |

