



## YRB27U25, Compression Splice Reducer, Barrel A 3/0 AWG, Barrel B 1/0 AWG, AL9CU

By Burndy

Catalog # [YRB27U25](#)

Aluminum Tin Plated Splice Reducer, Barrel A 3/0 AWG, Barrel B 1/0 AWG, AL9CU

### Features

- Aluminum splice reducers are dual rated to accommodate both copper and aluminum wire
- Barrel features an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel

### Application

Wire Reducing Splice

### Specifications

|                                    |                      |
|------------------------------------|----------------------|
| Certification - UL Recognized      | No                   |
| Buy American Compliant             | Contact Manufacturer |
| Certification - cULus              | No                   |
| EU RoHS Indicator                  | Yes                  |
| Buy America(n) Qualified           | Contact Manufacturer |
| Industry Standard(s)               | UL 486A-486B         |
| Certification - ETL                | No                   |
| Standards - Industry Standards Met | UL 486A-486B         |
| Standards - RoHS Compliance Status | CM                   |
| UL Listed                          | Yes                  |
| Certification - CSA Approved       | No                   |

### Conductor

|                                 |                   |
|---------------------------------|-------------------|
| Conductor - Material            | ALUMINUM / COPPER |
| Conductor - AL Str Size A       | 3/0 AWG           |
| Conductor - AL Str Size B       | 1/0 AWG           |
| Conductor - AL Str Size A Range | 3/0 AWG           |
| Conductor - AL Str Run          | 3/0 AWG           |
| Conductor - AL Str Size B Range | 1/0 AWG           |
| Conductor - AL Str Tap          | 1/0 AWG           |
| Conductor - Copper Str Size     | 3/0               |
| Conductor - Copper Str Size A   | 3/0 AWG           |



|                                     |         |
|-------------------------------------|---------|
| Conductor - Copper Str Size B       | 1/0     |
| Conductor - Copper Str Size A Range | 3/0 AWG |
| Conductor - Copper Str Run          | 3/0 AWG |
| Conductor Type                      | CODE    |
| Conductor - Copper Str Size B Range | 1/0     |
| Conductor - Copper Str Tap          | 1/0 AWG |

### Configuration

|                                                |            |
|------------------------------------------------|------------|
| Physical Attribute - Number of Crimps Required | 2          |
| Connector Type                                 | DUAL RATED |

### Current

|                   |       |
|-------------------|-------|
| Voltage - Maximum | 35000 |
|-------------------|-------|

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Package Height                    | 0.000 in  |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 84 mm     |
| Dimension - Outside Diameter inch | 0.85 in   |
| Dimension - Strip Length inch     | 1-7/16    |
| Dimension - B Length fraction     | 1-3/8 in  |
| Dimension - B Length inch         | 1.36 in   |
| Dimension - Length Overall inch   | 3.31 in   |

### General

|                        |                      |
|------------------------|----------------------|
| Trade Name             | HYREDUCER™           |
| Die Index              | 298                  |
| Feature - Barrel Style | Chamfered            |
| Plated                 | Y                    |
| Color Code             | White                |
| Sub Brand              | HYREDUCER            |
| UPC                    | 781810739211         |
| Type                   | YRB, Compression     |
| Material               | Aluminum             |
| Plating Type           | Tin - Electro Plated |
| Finish Type            | Tin-Plated           |

UPC 12 Digit781810739211

UPC 14 Digit GTIN00781810739211

Operational

Temperature Rating194

Logistics

Minimum Pack Quantity50

Pallet Quantity7200

Carton Quantity50

Product Assets

[Catalog \[English\]](#)

