



## YA27L3G1, Compression Terminal

By Burndy  
Catalog # [YA27L3G1](#)

Copper Compression Terminal



### Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Standard barrel length is recommended for installations with limited space availability
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding

### Application

Wire Termination

### Specifications

|                                    |       |
|------------------------------------|-------|
| Certification - UL Recognized      | No    |
| Certification - cULus              | No    |
| Industry Standard(s)               | UL467 |
| Certification - ETL                | No    |
| Standards - Industry Standards Met | UL467 |
| Standards - RoHS Compliance Status | CM    |
| UL Listed                          | Yes   |
| Certification - CSA Approved       | Yes   |

### Conductor

|                                        |               |
|----------------------------------------|---------------|
| Conductor - Material                   | COPPER        |
| Conductor - Copper Str Size            | 3/0 AWG       |
| Conductor - Copper DLO Size Range      | N/A           |
| Conductor Size                         | 3/0 AWG       |
| Conductor - Copper Str Navy Size Range | 150 (61) Navy |
| Conductor - Copper Str Navy Size       | 150 (61) Navy |
| Conductor Type                         | CODE          |
| Conductor - Copper Str Size Range      | 3/0 AWG       |

### Configuration

|                                      |                 |
|--------------------------------------|-----------------|
| Physical Attribute - Number of Holes | 1               |
| Number of Pad Holes                  | 1               |
| Connector Type                       | STANDARD BARREL |

### Current

|                   |       |
|-------------------|-------|
| Voltage Rating    | 35 kV |
| Voltage - Maximum | 35000 |

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 0.91 in   |
| Package Height                    | 0.000 in  |
| Dimension - Hole Size fraction    | 5/16      |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 55 mm     |
| Dimension - Outside Diameter inch | 0.62 in   |
| Dimension - Thread Size           | 5/16 in   |
| Dimension - Hole Size mm          | 10 mm     |
| Dimension - Hole Size inch        | 0.38      |
| Dimension - Strip Length inch     | 1-1/16    |
| Dimension - Stud Size inch        | 5/16      |
| Dimension - Stud Size fraction    | 5/16      |
| Dimension - Bolt Hole Size inch   | 0.33 in   |
| Dimension - Bolt Size fraction    | 5/16      |
| Physical Attribute - Tongue Angle | Straight  |
| Dimension - B Length fraction     | 1 in      |
| Dimension - Z inch                | 0.36 in   |
| Dimension - B Length inch         | 1.00 in   |
| Dimension - D inch                | 0.70 in   |
| Dimension - N inch                | 0.34 in   |
| Dimension - Bolt Size inch        | 0.3125    |
| Dimension - Length Overall inch   | 2.16 in   |

### General

|                        |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| Trade Name             | HYLUG™                                                                       |
| Die Index              | 14                                                                           |
| Feature - Barrel Type  | Standard                                                                     |
| Feature - Barrel Style | <ul style="list-style-type: none"><li>• Chamfered</li><li>• Skived</li></ul> |
| Plated                 | Y                                                                            |
| Color Code             | Orange                                                                       |
| UPC                    | 781810461150                                                                 |
| Type                   | Standard Barrel, Tin Plated                                                  |
| Material               | Copper                                                                       |

|                   |                      |                                   |     |
|-------------------|----------------------|-----------------------------------|-----|
| Plating Type      | Tin - Electro Plated | Carton Quantity                   | 100 |
| Finish Type       | Tin-Plated           |                                   |     |
| UPC 12 Digit      | 781810461150         | <b>Operational</b>                |     |
| UPC 14 Digit GTIN | 00781810461150       | Temperature Rating                | 194 |
| <b>Logistics</b>  |                      | <b>Product Assets</b>             |     |
| Pallet Quantity   | 23200                | <a href="#">Catalog [English]</a> |     |

