



## YA2790, Compression Terminal, 3/0 AWG Cu, 1-Hole, 1/2" Stud, Long Barrel, 90 Degree

By Burndy  
Catalog # [YA2790](#)



3/0 AWG CU, One Hole, 1/2 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, ORANGE Color Code, 14 Die Index.

### Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Long barrel length allows for an increased number of crimps increasing the mechanical strength of the connection
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color

### Application

Wire Termination

### General

|                                      |                         |
|--------------------------------------|-------------------------|
| Catalog Number                       | YA2790                  |
| Color Code                           | Orange                  |
| Connector Type                       | LONG BARREL             |
| Die Index                            | 14                      |
| Feature - Barrel Style               | Chamfered               |
| Feature - Barrel Type                | Long                    |
| Finish Type                          | Tin-Plated              |
| Material                             | COPPER                  |
| Physical Attribute - Number of Holes | 1                       |
| Plated                               | Y                       |
| Plating Type                         | Tin - Electro Plated    |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810313466            |
| UPC 14 Digit GTIN                    | 00781810313466          |

### Dimensions

|                                 |          |
|---------------------------------|----------|
| Dimension - B Length fraction   | 1-1/2 in |
| Dimension - B Length inch       | 1.50 in  |
| Dimension - Bolt Hole Size inch | 0.52 in  |
| Dimension - Bolt Size fraction  | 1/2      |
| Dimension - Bolt Size inch      | 0.5      |
| Dimension - Hole Size fraction  | 1/2      |
| Dimension - Hole Size inch      | 0.53     |
| Dimension - Hole Size mm        | 13.5 mm  |

|                                   |           |
|-----------------------------------|-----------|
| Dimension - L Length Overall mm   | 38 mm     |
| Dimension - Length Overall inch   | 1.49 in   |
| Dimension - N inch                | 0.53 in   |
| Dimension - Outside Diameter inch | 0.62 in   |
| Dimension - Pad Width inch        | 0.91 in   |
| Dimension - Strip Length inch     | 1-9/16    |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Thread Size           | 1/2       |
| Dimension - Z (inch)              | 0.55 in   |
| Physical Attribute - Tongue Angle | 90 Degree |
| Thickness - Pad                   | 0.13 in   |

### Electrical Ratings

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

### Conductor Related

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

### Certifications And Compliance

|                                    |              |
|------------------------------------|--------------|
| Certification - ETL                | No           |
| Certification - UL Recognized      | No           |
| Certification - cULus              | No           |
| Industry Standard(s)               | UL 486A-486B |
| Standards - Industry Standards Met | UL 486A-486B |
| Standards - RoHS Compliance Status | CM           |
| UL Listed                          | Yes          |

Logistics

|                       |       |
|-----------------------|-------|
| Carton Quantity       | 25    |
| Minimum Pack Quantity | 25    |
| Pallet Quantity       | 24000 |

Product Assets

- Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
- Customer Notices - Prop 65 Notice
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Sales Drawings - se209241-13
- Specifications - YA2790
- Video - HYDENT Compression Terminal Overview Video



A Hubbell brand