

# YA30L7, Compression Terminal, 300 kcmil Cu, 1-Hole, 5/8" Stud, Standard Barrel

By Burndy  
Catalog # YA30L7



300 kcmil CU, One Hole, 5/8 Stud Size, Standard Barrel,  
Inspection Window, Internal Chamfer, Tin Plated, UL/CSA 90°  
Up to 35kV, WHITE Color Code, 17 or 298 Die Index.

## 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

## General

|                                      |   |
|--------------------------------------|---|
| Catalog Number                       | YA30L7  |
| Color Code                           | White   |
| Connector Type                       | STANDARD BARREL   |
| Die Index                            | 17  |
| Feature - Barrel Style               | <ul style="list-style-type: none"> <li>• Chamfered</li> <li>• Skived</li> </ul> |
| Feature - Barrel Type                | Standard  |
| Finish Type                          | Tin-Plated  |
| Material                             | COPPER  |
| Physical Attribute - Number of Holes | 1   |
| Physical Attribute - Tongue Type     | Standard  |
| Plated                               | Y   |
| Plating Type                         | Tin - Electro Plated  |
| Trade Name                           | HYLUG™  |
| Type                                 | Standard Barrel, Tin Plated   |
| UPC                                  | 781810504888  |

## Dimensions

|                                 |         |
|---------------------------------|---------|
| Dimension - B Length fraction   | 1 in    |
| Dimension - B Length inch       | 1.03 in |
| Dimension - Bolt Hole Size inch | 0.66 in |
| Dimension - Bolt Size fraction  | 5/8     |
| Dimension - Bolt Size inch      | 0.63    |

|                                   |          |
|-----------------------------------|----------|
| Dimension - D inch                | 1.33 in  |
| Dimension - Hole Size fraction    | 5/8      |
| Dimension - Hole Size inch        | 0.69     |
| Dimension - Hole Size mm          | 17.5 mm  |
| Dimension - L Length Overall mm   | 75 mm    |
| Dimension - Length Overall inch   | 2.94 in  |
| Dimension - N inch                | 0.66 in  |
| Dimension - Outside Diameter inch | 0.81 in  |
| Dimension - Pad Width inch        | 1.20 in  |
| Dimension - Strip Length inch     | 1-1/16   |
| Dimension - Stud Size fraction    | 5/8      |
| Dimension - Stud Size inch        | 5/8      |
| Dimension - Z (inch)              | 0.67 in  |
| Physical Attribute - Tongue Angle | Straight |

## Electrical Ratings

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

## Conductor Related

|  |               |
|--|---------------|
| Conductor - Copper DLO Size Range      | N/A           |
| Conductor - Copper Str Navy Size       | 300 (91) Navy |
| Conductor - Copper Str Navy Size Range | 300 (91) Navy |
| Conductor - Copper Str Size            | 300 KCMIL     |
| Conductor - Copper Str Size Range      | 300 kcmil     |
| Conductor - Material                   | COPPER        |
| Conductor Size                         | 300 KCMIL     |
| Conductor Type                         | CODE          |

## Certifications And Compliance

|                               |     |
|-------------------------------|-----|
| Certification - CSA Approved  | Yes |
| Certification - ETL           | No  |
| Certification - UL Recognized | No  |

|                                    |              |
|------------------------------------|--------------|
| Certification - cULus              | No           |
| Industry Standard(s)               | UL 486A-486B |
| Standards - Industry Standards Met | UL467        |
| Standards - RoHS Compliance Status | CM           |
| UL Listed                          | Yes          |

### Logistics

|                       |    |
|-----------------------|----|
| Carton Quantity       | 10 |
| Minimum Pack Quantity | 1  |

### Product Assets

- [Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Installation Manuals - Copper Code Standard Terminals Tooling and Installation Instructions](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - SD079848](#)
- [Specifications - YA30L7](#)
- [Video - HYDENT Compression Terminal Overview Video](#)



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