

# Compression Terminal

By Burndy  
Catalog # YA31LTC34FX

250 kcmil I, K, M, 262 DLO CU, One Hole, 3/4 Stud Size, Standard Barrel, Inspection Window Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, White Color Code, 17 or 298 Die Index.



## Application

Wire Termination

## General

|                                      |   |
|--------------------------------------|---|
| Catalog Number                       | YA31LTC34FX   |
| 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   |
| Plated                               | Y   |
| Plating Type                         | Tin   |
| Trade Name                           | HYLUG™  |
| Type                                 | Standard Barrel, Tin Plated   |
| UPC                                  | 781810314531  |
| UPC 12 Digit                         | 7818103145311   |

## Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - B Length fraction     | 1-1/16 in |
| Dimension - B Length inch         | 1.06 in   |
| Dimension - Bolt Hole Size inch   | 0.81 in   |
| Dimension - Bolt Size fraction    | 3/4       |
| Dimension - Bolt Size inch        | 0.75      |
| Dimension - Hole Size fraction    | 3/4       |
| Dimension - Hole Size inch        | 0.81      |
| Dimension - Hole Size mm          | 21 mm     |
| Dimension - L Length Overall mm   | 81 mm     |
| Dimension - Length Overall inch   | 3.19 in   |
| Dimension - N inch                | 0.75 in   |
| Dimension - Outside Diameter inch | 0.88 in   |
| Dimension - Pad Width inch        | 1.29 in   |
| Dimension - Strip Length inch     | 1-1/8     |
| Dimension - Stud Size fraction    | 3/4       |
| Dimension - Stud Size inch        | 3/4       |
| Dimension - Z (inch)              | 0.77 in   |
| Physical Attribute - Tongue       | Straight  |

## Conductor Related

|                                      |           |
|--------------------------------------|-----------|
| Conductor - Copper DLO Size          | 262 KCMIL |
| Conductor - Copper DLO Size Range    | 4/0 AWG   |
| Conductor - Copper Flex G Size Range | 4/0 AWG   |
| Conductor - Copper Flex H Size Range | 4/0 AWG   |
| Conductor - Copper Flex I Size       | 250 KCMIL |
| Conductor - Copper Flex I Size Range | 4/0 AWG   |
| Conductor - Copper Flex K Size       | 250 kcmil |
| Conductor - Copper Flex K Size Range | 4/0 AWG   |
| Conductor - Copper Flex M Size       | 250 KCMIL |
| Conductor - Copper Str Size          | 250 KCMIL |
| Conductor - Copper Str Size Range    | 250 kcmil |
| Conductor - Material                 | COPPER    |
| Conductor Size                       | 250 KCMIL |
| Conductor Type                       | FLEX      |
| Wire Size                            | 250 KCMIL |

## Certifications And Compliance

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

## Logistics

|                 |      |
|-----------------|------|
| Carton Quantity | 25   |
| Pallet Quantity | 1450 |

## Product Assets

[Catalogs - Full Line BURNDY Catalog](#)  
[Catalogs - Section C - Compression Connections](#)  
[Customer Notices - Prop 65 Notice](#)  
[Installation Manuals - Copper Flex Standard Terminals Tooling and Installation Instructions](#)  
[Sales Drawings - SE..208001-02](#)

Physical Attribute - Tongue Straight  
Angle

### Electrical Ratings

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



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