



## Compression Terminal

By Burndy  
Catalog # [YA31LNT12FX](#)

250 kcmil I, K, M, 262 DLO CU, One Hole, 1/2 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                       | YA31LNT12FX                                                              |
| 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™                                                                   |
| UPC                                  | 781810314449                                                             |

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - B Length fraction     | 1-1/16 in |
| Dimension - B Length inch         | 1.06 in   |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Dimension - Bolt Size inch        | 0.5       |
| Dimension - D inch                | 1.08 in   |
| Dimension - Hole Size fraction    | 1/2       |
| Dimension - Hole Size inch        | 0.53      |
| Dimension - Hole Size mm          | 13.5 mm   |
| Dimension - L Length Overall mm   | 70 mm     |
| Dimension - Length Overall inch   | 2.75 in   |
| Dimension - N inch                | 0.53 in   |
| Dimension - Outside Diameter inch | 0.88 in   |
| Dimension - Pad Width inch        | 0.96 in   |
| Dimension - Strip Length inch     | 1-1/8     |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Stud Size inch        | 1/2       |
| Dimension - Z (inch)              | 0.55 in   |
| Physical Attribute - Tongue Angle | 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 Flex M Size Range | 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 | 9600 |

### Product Assets

[Catalogs - Full Line BURNDY Catalog](#)  
[Catalogs - Section C - Compression Connections](#)  
[Customer Notices - Prop 65 Notice](#)  
[Installation Manuals - Copper Flex Standard Terminals Tooling](#)

**Electrical Ratings**

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

[and Installation Instructions](#)  
[Sales Drawings - 30003952](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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