

# Compression Terminal

By Burndy  
Catalog # [YA452N](#)

1250 kcmil CU, Two Hole, 1/2 Stud Size, 1-3/4 Hole Spacing, Long Barrel Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, Yellow Color Code, 29 Die Index.



## Application

Wire Termination

## General

|                                      |                         |
|--------------------------------------|-------------------------|
| Catalog Number                       | YA452N                  |
| Color Code                           | Yellow                  |
| Connector Type                       | LONG BARREL             |
| Die Index                            | 29                      |
| EU RoHS Indicator                    | Yes                     |
| Feature - Barrel Style               | Chamfered               |
| Feature - Barrel Type                | Long                    |
| Finish Type                          | Tin-Plated              |
| Material                             | COPPER                  |
| Physical Attribute - Number of Holes | 2                       |
| Plated                               | Y                       |
| Plating Type                         | Tin - Electro Plated    |
| Sub Brand                            | HYLUG                   |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810524503            |
| UPC 12 Digit                         | 7818105245033           |

## Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - B Length fraction     | 3-3/16 in |
| Dimension - B Length inch         | 3.19 in   |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Dimension - Bolt Size inch        | 0.5       |
| Dimension - D inch                | 3.02 in   |
| Dimension - Hole Size fraction    | 1/2       |
| Dimension - Hole Size inch        | 0.56      |
| Dimension - Hole Size mm          | 14 mm     |
| Dimension - L Length Overall mm   | 189 mm    |
| Dimension - Length Overall inch   | 7.44 in   |
| Dimension - N inch                | 0.63 in   |
| Dimension - Outside Diameter inch | 1.69 in   |
| Dimension - Pad Width inch        | 2.46 in   |
| Dimension - Strip Length inch     | 3-1/4     |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Stud Size inch        | 1/2       |

## Electrical Ratings

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

## Conductor Related

|                                   |            |
|-----------------------------------|------------|
| Conductor - Copper DLO Size Range | N/A        |
| Conductor - Copper Str Size       | 1250 KCMIL |
| Conductor - Copper Str Size Range | 1250 kcmil |
| Conductor - Material              | COPPER     |
| Conductor Size                    | 1250 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 | UL 486A-486B |
| Standards - RoHS Compliance Status | CM           |
| UL Listed                          | Yes          |

## Logistics

|                 |     |
|-----------------|-----|
| Carton Quantity | 3   |
| Pallet Quantity | 882 |

## Product Assets

- [3D Models - YA452N\\_MODEL-STEP](#)
- [3D Models - YA452N\\_MODEL-PDF](#)
- [3D Models - YA452N\\_MODEL-IGES](#)
- [Catalogs - Full Line BURNDY Catalog](#)
- [Catalogs - Section C - Compression Connections](#)
- [Customer Notices - Prop 65 Notice](#)
- [Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions](#)
- [Sales Drawings - SD..031189-07](#)
- [Video - HYDENT Compression Terminal Overview Video](#)

|                                      |          |
|--------------------------------------|----------|
| Dimension - Thread Size              | 1/2      |
| Dimension - Z (inch)                 | 0.64 in  |
| Physical Attribute - Tongue<br>Angle | Straight |



**A proud member of the Hubbell Family.**

©2024 Hubbell Incorporated. All rights reserved.  
BRDY\_MX-YA452N-SPEC-EN | REV 6/2024