



# YA28A5, Compression Terminal, AL, 2-Hole, AL9CU

By Burndy  
Catalog # [YA28A5](#)

Aluminum Compression Terminal, 4/0 AWG AL, 2-Hole, 1/2" Stud, 1.75" Spacing, Filled with Oxide Inhibitor, End Cap, AL9CU



## Features

- UL486A-486B Listed and CSA Certified
- Aluminum terminals are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector - AL9CU is UL Listed 90°C, up to 35kV, AL7CU is UL Listed 75°C, up to 35kV
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damage of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in a connection, it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection

## Application

Wire Termination

## Specifications

|                                    |                                                     |
|------------------------------------|-----------------------------------------------------|
| Certification - UL Recognized      | No                                                  |
| Buy American Compliant             | Contact Manufacturer                                |
| Certification - cULus              | No                                                  |
| EU RoHS Indicator                  | Yes                                                 |
| Buy America(n) Qualified           | TAA Compliant (All status valid till December 2026) |
| Industry Standard(s)               | UL 486A-486B                                        |
| Certification - ETL                | No                                                  |
| Standards - Industry Standards Met | UL 486A-486B                                        |
| Standards - RoHS Compliance Status | CM                                                  |
| UL Listed                          | Yes                                                 |
| Certification - CSA Approved       | Yes                                                 |

## Conductor

|                         |                   |
|-------------------------|-------------------|
| Conductor - Material    | ALUMINUM / COPPER |
| Wire Size               | 4/0 AWG           |
| Conductor - AL Str Size | 4/0 AWG           |

|                                   |         |
|-----------------------------------|---------|
| Conductor - AL Str Size Range     | 4/0 AWG |
| Conductor - Copper Str Size       | 4/0 AWG |
| Conductor Size                    | 4/0 AWG |
| Conductor Type                    | CODE    |
| Conductor - Copper Str Size Range | 4/0 AWG |

## Configuration

|                                      |            |
|--------------------------------------|------------|
| Physical Attribute - Number of Holes | 2          |
| Number of Pad Holes                  | 2          |
| Connector Type                       | DUAL RATED |

## Current

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

## Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 1.17 in   |
| Package Height                    | 0.000 in  |
| Dimension - Hole Size fraction    | 1/2       |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 132 mm    |
| Dimension - Outside Diameter inch | 0.85 in   |
| Dimension - Thread Size           | 1/2       |
| Dimension - Hole Size mm          | 14 mm     |
| Dimension - Hole Size inch        | 0.56      |
| Dimension - Strip Length inch     | 1-5/8     |
| Dimension - Stud Size inch        | 1/2       |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Physical Attribute - Tongue Angle | Straight  |
| Dimension - B Length fraction     | 1-3/8 in  |
| Dimension - Z inch                | 0.73 in   |
| Dimension - B Length inch         | 1.39 in   |
| Dimension - D inch                | 3.11 in   |
| Dimension - N inch                | 0.63 in   |
| Dimension - Bolt Size inch        | 0.5       |
| Dimension - Length Overall inch   | 5.19 in   |

General

|                                  |                      |
|----------------------------------|----------------------|
| Trade Name                       | HYLUG™               |
| Die Index                        | 298                  |
| Feature - Barrel Type            | Standard             |
| Feature - Barrel Style           | Chamfered            |
| Plated                           | Y                    |
| Color Code                       | White                |
| Physical Attribute - Tongue Type | Standard             |
| Sub Brand                        | TERMINALS, HYLUG     |
| UPC                              | 781810754504         |
| Type                             | YA-A                 |
| Material                         | Aluminum             |
| Plating Type                     | Tin - Electro Plated |
| Finish Type                      | Tin-Plated           |

|                   |                |
|-------------------|----------------|
| UPC 12 Digit      | 781810754504   |
| UPC 14 Digit GTIN | 00781810754504 |

Logistics

|                       |    |
|-----------------------|----|
| Minimum Pack Quantity | 1  |
| Pallet Quantity       | 1  |
| Carton Quantity       | 80 |

Operational

|                    |     |
|--------------------|-----|
| Temperature Rating | 194 |
|--------------------|-----|

Product Assets

- [Catalog \[English\]](#)
- [Installation Manual \[English\]](#)
- [Installation Manual \[English\]](#)



A Hubbell brand