

YA32A1, Compression Terminal, 400 kcmil Al, 1-Hole, 5/8" Stud

By Burndy
Catalog # [YA32A1](#)



AL Terminal, AL9CU, Internal Chamfer, Tin Plated, Prefilled PENETROX™ A13, End Cap, UL/CSA, 90°C, Up to 35kV, Color Code, Die Index.

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

General

| | |
|--------------------------------------|----------------------|
| Catalog Number | YA32A1 |
| Color Code | Green |
| Connector Type | DUAL RATED |
| Die Index | 472 |
| EU RoHS Indicator | Yes |
| Feature - Barrel Type | Standard |
| Finish Type | Tin-Plated |
| Material | ALUMINUM |
| Physical Attribute - Number of Holes | 1 |
| Physical Attribute - Tongue Type | Standard |
| Plated | Y |
| Plating Type | Tin - Electro Plated |
| Sub Brand | HYLUG |
| Temperature Rating | 194 |

| | |
|--------------|------------------|
| Trade Name | HYLUG™ |
| Type | YA-A, Dual Rated |
| UPC | 781810755907 |
| UPC 12 Digit | 7818107559077 |

Dimensions

| | |
|-----------------------------------|----------|
| Dimension - B Length fraction | 2-1/4 in |
| Dimension - B Length inch | 2.26 in |
| Dimension - Bolt Hole Size inch | 0.66 in |
| Dimension - Bolt Size fraction | 5/8 |
| Dimension - Bolt Size inch | 0.63 |
| Dimension - D inch | 1.88 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 | 125 mm |
| Dimension - Length Overall inch | 4.92 in |
| Dimension - N inch | 0.88 in |
| Dimension - Outside Diameter inch | 1.19 in |
| Dimension - Pad Width inch | 1.62 in |
| Dimension - Strip Length inch | 2 1/2 |
| Dimension - Stud Size fraction | 5/8 |
| Dimension - Stud Size inch | 5/8 |
| Dimension - Thread Size | 5/8 in |
| Dimension - Z (inch) | 1.00 in |
| Physical Attribute - Tongue Angle | Straight |

Electrical Ratings

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

Conductor Related

| | |
|-----------------------------------|-------------------|
| Conductor - AL Str Size | 400 KCMIL |
| Conductor - AL Str Size Range | 400 kcmil |
| Conductor - Copper Str Size | 400 KCMIL |
| Conductor - Copper Str Size Range | 400 kcmil |
| Conductor - Material | ALUMINUM / COPPER |

| | |
|----------------|-----------|
| Conductor Size | 400 KCMIL |
| Conductor Type | CODE |
| Wire Size | 400 KCMIL |

Certifications And Compliance

| | |
|------------------------------------|--------------|
| Buy American Compliant | Yes |
| 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 | 2 |
| Minimum Pack Quantity | 1 |

Product Assets

- [3D Models - YA32A1_MODEL-PDF](#)
- [3D Models - YA32A1_MODEL-STEP](#)
- [3D Models - YA32A1_MODEL-IGES](#)
- [Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Installation Manuals - Aluminum Installation Instructions](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - SD073935-01](#)
- [Specifications - YA32A1](#)



A Hubbell brand