



# YA34A3, 500 kcmil, Aluminum, 2 Hole, 1/2 Stud, 1-3/4 Spacing, AL9CU

By Burndy  
Catalog # [YA34A3](#)



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

## Application

Wire Termination

## General

|                                      |                      |
|--------------------------------------|----------------------|
| Color Code                           | Pink                 |
| Connector Type                       | DUAL RATED           |
| Die Index                            | 300                  |
| EU RoHS Indicator                    | Yes                  |
| Feature - Barrel Style               | Chamfered            |
| Feature - Barrel Type                | Standard             |
| Finish Type                          | Tin-Plated           |
| Material                             | ALUMINUM             |
| Physical Attribute - Number of Holes | 2                    |
| Physical Attribute - Tongue Type     | Standard             |
| Plated                               | Y                    |
| Plating Type                         | Tin - Electro Plated |
| Sub Brand                            | TERMINALS, HYLUG     |
| Temperature Rating                   | 194                  |
| Trade Name                           | HYLUG™               |
| Type                                 | YA-E                 |
| UPC                                  | 781810756300         |
| UPC 12 Digit                         | 7818107563000        |

## Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - B Length fraction     | 2-5/16 in |
| Dimension - B Length inch         | 2.34 in   |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Dimension - Bolt Size inch        | 0.5       |
| Dimension - D inch                | 3.15 in   |
| Dimension - Hole Size fraction    | 1/2       |
| Dimension - Hole Size inch        | 0.56      |
| Dimension - Hole Size mm          | 14 mm     |
| Dimension - L Length Overall mm   | 173 mm    |
| Dimension - Length Overall inch   | 6.80 in   |
| Dimension - N inch                | 0.63 in   |
| Dimension - Outside Diameter inch | 1.32 in   |
| Dimension - Pad Width inch        | 1.62 in   |
| Dimension - Strip Length inch     | 2 5/8     |
| Dimension - Strip Length mm       | 66.68     |

## Electrical Ratings

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

## Conductor Related

|                                   |                   |
|-----------------------------------|-------------------|
| Conductor - AL Str Size           | 500 KCMIL         |
| Conductor - AL Str Size Range     | 500 kcmil         |
| Conductor - Copper Str Size       | 500 KCMIL         |
| Conductor - Copper Str Size Range | 500 kcmil         |
| Conductor - Material              | ALUMINUM / COPPER |
| Conductor Size                    | 500 KCMIL         |
| Conductor Type                    | CODE              |
| Wire Size                         | 500 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 - Industry Standards Met | UL 486A-486B |
| Standards - RoHS Compliance Status | CM           |
| UL Listed                          | Yes          |

## Logistics

|                       |    |
|-----------------------|----|
| Carton Quantity       | 10 |
| Minimum Pack Quantity | 1  |

## Product Assets

- [3D Models - YA34A3\\_MODEL-PDF](#)
- [3D Models - YA34A3\\_MODEL-STEP](#)
- [3D Models - YA34A3\\_MODEL-IGES](#)
- [Customer Notices - Prop 65 Notice](#)
- [Installation Manuals - Aluminum Installation Instructions](#)
- [Sales Drawings - SD073935-01](#)

|                                      |          |
|--------------------------------------|----------|
| Dimension - Stud Size fraction       | 1/2      |
| Dimension - Stud Size inch           | 1/2      |
| Dimension - Thread Size              | 1/2      |
| Dimension - Z inch                   | 0.77 in  |
| Physical Attribute - Tongue<br>Angle | Straight |



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