



## YA30A9N100T516E, Compression Terminal, 300 kcmil AL, 1-Hole, 5/16" Stud

By Burndy  
Catalog # [YA30A9N100T516E](#)

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    | YA30A9N100T516E  |
| Color Code        | Blue             |
| Connector Type    | DUAL RATED       |
| Die Index         | 470              |
| EU RoHS Indicator | Yes              |
| Finish Type       | Tin-Plated       |
| Material          | ALUMINUM         |
| Sub Brand         | TERMINALS, HYLUG |
| Trade Name        | HYLUG™           |
| Type              | YA-E             |
| UPC               | 781810292143     |

### Dimensions

|                                |      |
|--------------------------------|------|
| Dimension - Bolt Size fraction | 5/16 |
|--------------------------------|------|



\*Representative Image

|                                   |          |
|-----------------------------------|----------|
| Dimension - Bolt Size inch        | 0.3125   |
| Dimension - Hole Size fraction    | 5/16     |
| Dimension - Hole Size inch        | 0.38     |
| Dimension - Hole Size mm          | 10 mm    |
| Dimension - Stud Size fraction    | 5/16     |
| Physical Attribute - Tongue Angle | Straight |

### Electrical Ratings

|                |       |
|----------------|-------|
| Voltage Rating | 35 kV |
|----------------|-------|

### Conductor Related

|                                   |                   |
|-----------------------------------|-------------------|
| Conductor - AL Str Size           | 300 KCMIL         |
| Conductor - Copper Str Size       | 300 KCMIL         |
| Conductor - Copper Str Size Range | 300 kcmil         |
| Conductor - Material              | ALUMINUM / COPPER |
| Conductor Size                    | 300 KCMIL         |
| Conductor Type                    | CODE              |
| Wire Size                         | 300 KCMIL         |

### Certifications And Compliance

|                              |              |
|------------------------------|--------------|
| Buy American Compliant       | Yes          |
| Certification - CSA Approved | Yes          |
| Certification - ETL          | No           |
| Industry Standard(s)         | UL 486A-486B |
| Standards - RoHS Compliance  | CM           |
| Status                       |              |
| UL Listed                    | Yes          |

### Logistics

|                       |       |
|-----------------------|-------|
| Carton Quantity       | 25    |
| Minimum Pack Quantity | 1     |
| Pallet Quantity       | 11600 |

### Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)  
[Customer Notices - Prop 65 Notice](#)  
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)  
[Sales Drawings - SD214515-01](#)



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