

YA25A9, Compression Terminal, 1/0 AWG AI, 1-Hole, 1/2" Stud

By Burndy Catalog # YA25A9

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

YA25A9

• 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-toaluminum connection

Application

Wire Termination

Catalog Number

General

Color Code	Tan
Connector Type	DUAL RATED
Die Index	296
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	ALUMINUM
Physical Attribute - Number of	1

Physical Attribute - Tongue Standard

Туре

Plated

Plating Type Tin - Electro Plated

HYLUG Sub Brand



Temperature Rating	194
Trade Name	HYLUG™
Туре	YA-A, Dual Rated
UPC	781810753156
UPC 12 Digit	7818107531566

Dimensions

Dimension - B Length fraction Dimension - B Length inch Dimension - Bolt Hole Size inch Dimension - Bolt Size fraction Dimension - Bolt Size inch Dimension - D inch Dimension - Hole Size fraction Dimension - Hole Size inch Dimension - Hole Size mm Dimension - Length Overall mm Dimension - Length Overall	1-1/16 in 1.05 in 0.52 in 1/2 0.5 1.34 in 1/2 0.56 14 mm 72 mm
inch Dimension - N inch Dimension - Outside Diameter inch Dimension - Pad Width inch Dimension - Strip Length inch Dimension - Stud Size fraction Dimension - Stud Size inch Dimension - Thread Size Dimension - Z (inch) Physical Attribute - Tongue Angle	0.63 in 0.60 in 1.03 in 1-1/16 1/2 1/2 1/2 0.71 in Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	1/0 AWG
Conductor - AL Str Size Range	1/0 AWG
Conductor - Copper Str Size	1/0 AWG
Conductor - Copper Str Size	1/0 AWG
Range	

Conductor - Material ALUMINUM / COPPER

Conductor Size 1/0 AWG
Conductor Type CODE
Wire Size 1/0 AWG

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 UL 486A-486B

Met

Standards - RoHS Compliance CM

Status

UL Listed Yes

Logistics

Carton Quantity 10 Minimum Pack Quantity 1

Product Assets

Catalogs - BURNDY Master Catalog - Section C - Compression

Connections

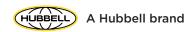
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog

Customer Notices - Prop 65 Notice

Installation Manuals - Aluminum Installation Instructions Interactive Catalog - BURNDY Full-Line Digital Catalog

Sales Drawings - SD073935-01

Specifications - YA25A9



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