

YA44A3, Al Compression, 2-Hole, 1/2" Stud, 1-3/4" Spacing, AL9CU, 1000 kcmil

By Burndy Catalog # YA44A3

AL Terminal, AL9CU, Internal Chamfer, Tin Plated, Prefilled PENETROX $^{\text{\tiny M}}$ 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-toaluminum connection

Application

Wire Termination

General

Type

Catalog Number	YA44A3
Color Code	Brown
Connector Type	DUAL RATE
Die Index	302
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	ALUMINUM
Physical Attribute - Number of	2
Holes	
Physical Attribute - Tongue	Standard

Plated Y
Plating Type Tin - Electro Plated



Sub Brand	TERMINALS, HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Туре	YA-A
UPC	781810763001
UPC 12 Digit	7818107630011

Dimensions

Dimension - B Length fraction	2-3/4 in
Dimension - B Length inch	2.74 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	197 mm
mm	
Dimension - Length Overall	7.76 in
inch	
Dimension - N inch	0.63 in
Dimension - Outside Diameter	1.84 in
inch	
Dimension - Pad Width inch	1.65 in
Dimension - Strip Length inch	3
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	Straight
Angle	

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	1000 KCMIL
Conductor - AL Str Size Range	1000 kcmil
Conductor - Copper Str Size	1000 KCMIL

Conductor - Copper Str Size 1000 kcmil UL Listed Yes

Range

Conductor - Material ALUMINUM / COPPER

Conductor Size 1000 KCMIL
Conductor Type CODE
Wire Size 1000 KCMIL

Certifications And Compliance

Buy American Compliant Contact Manufacturer

Certification - CSA Approved Yes
Certification - ETL No
Certification - UL Recognized No
Certification - cULus No

Certified Listed Buy American Act Compliant
(All status valid till December

2024)

Industry Standard(s) UL 486A-486B Standards - Industry Standards UL 486A-486B

Met

Standards - RoHS Compliance CM

Status

Logistics

Carton Quantity 5
Minimum Pack Quantity 1
Pallet Quantity 1960

Product Assets

360 Product View - BURN_YA44A3
3D Models - YA44A3_MODEL-PDF
3D Models - YA44A3_MODEL-STEP
3D Models - YA44A3_MODEL-IGES
3D Product View - BURN_YA44A3

Catalogs - BURNDY Master Catalog - Section C - Compression

Connections

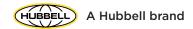
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog

Customer Notices - Prop 65 Notice

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

Sales Drawings - SD073935-01

Specifications - YA44A3



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