



YA44A1, Al Compression Terminal, 1000 kcmil, 5/8" Stud

By Burndy

Catalog # [YA44A1](#)

1000 kcmil, AL, 1-Hole, 5/8" Stud, Prefilled with oxide Inhibitor, End Cap, Tin Plated, AL9CU

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

Specifications

Certification - UL Recognized	No
Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Yes
Buy America(n) Qualified	Contact Manufacturer
Industry Standard(s)	UL 486A-486B
Certification - ETL	No
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes
Certification - CSA Approved	Yes

Conductor

Conductor - Material	ALUMINUM / COPPER
Wire Size	1000 KCMIL
Conductor - AL Str Size	1000 KCMIL
Conductor - AL Str Size Range	1000 kcmil



Conductor - Copper Str Size	800 KCMIL
Conductor - Copper DLO Size Range	N/A
Conductor Size	1000 KCMIL
Conductor Type	CODE
Conductor - Copper Str Size Range	1000 kcmil

Configuration

Physical Attribute - Number of Holes	1
Number of Pad Holes	1
Connector Type	DUAL RATED

Current

Voltage Rating	35 kV
Voltage - Maximum	35000

Dimensions

Dimension - Pad Width inch	2.50 in
Dimension - Hole Size fraction	5/8
Dimension - L Length Overall mm	165 mm
Dimension - Outside Diameter inch	1.84 in
Dimension - Thread Size	5/8 in
Dimension - Hole Size mm	17.5 mm
Dimension - Hole Size inch	0.69
Dimension - Strip Length inch	3
Dimension - Stud Size inch	5/8
Dimension - Stud Size fraction	5/8
Dimension - Bolt Hole Size inch	0.66 in
Dimension - Bolt Size fraction	5/8
Physical Attribute - Tongue Angle	Straight
Dimension - B Length fraction	2-3/4 in
Dimension - Z inch	1.01 in
Dimension - B Length inch	2.74 in
Dimension - D inch	1.89 in
Dimension - N inch	0.88 in
Dimension - Bolt Size inch	0.63
Dimension - Length Overall inch	6.50 in

General

Trade Name	HYLUG™
Die Index	302
Feature - Barrel Type	Standard
Feature - Barrel Style	Chamfered
Plated	Y
Color Code	Gray
Physical Attribute - Tongue	Standard
Type	
Sub Brand	HYLUG
UPC	781810752357
Type	YA-A, Dual Rated
Material	Aluminum
Plating Type	Tin - Electro Plated
Finish Type	Tin-Plated

UPC 12 Digit	781810752357
UPC 14 Digit GTIN	00781810752357

Logistics

Minimum Pack Quantity	1
Carton Quantity	8

Operational

Temperature Rating	194
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Product Assets

- [Catalog \[English\]](#)
- [Installation Manual \[English\]](#)
- [Installation Manual \[English\]](#)



A Hubbell brand