



YA34A7N131T12E, 500 kcmil, Aluminum, 1/2 Stud, AL9CU

By Burndy
Catalog # [YA34A7N131T12E](#)

500 kcmil, AL, 1-Hole, 1/2" Stud, AL9CU, Prefilled with oxide inhibitor, End Cap, 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 - ETL	No
Standards - RoHS Compliance	CM
Status	
Buy American Compliant	Contact Manufacturer
EU RoHS Indicator	Yes
Industry Standard(s)	UL 486A-486B
UL Listed	Yes
Certification - CSA Approved	Yes

Conductor

Conductor Size	500 KCMIL
Conductor - Material	ALUMINUM / COPPER
Wire Size	500 KCMIL
Conductor - AL Str Size	500 KCMIL
Conductor Type	CODE



Conductor - Copper Str Size Range	500 kcmil
Conductor - Copper Str Size	500 KCMIL

Configuration

Number of Pad Holes	1
Connector Type	DUAL RATED

Current

Voltage Rating	35 kV
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Dimensions

Package Height	0.000 in
Dimension - Hole Size fraction	1/2
Dimension - Bolt Size fraction	1/2
Physical Attribute - Tongue Angle	Straight
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - Hole Size mm	14 mm
Dimension - Bolt Size inch	0.5
Dimension - Hole Size inch	0.56
Dimension - Stud Size fraction	1/2

General

Color Code	Pink
Trade Name	HYLUG™
Sub Brand	TERMINALS, HYLUG
Die Index	300
UPC	781810281376
Type	YA-E
Material	Aluminum
Finish Type	Tin-Plated

Logistics

Minimum Pack Quantity	1
Pallet Quantity	4640
Carton Quantity	10

Product Assets

[Catalog \[English\]](#)