BURNDY®

YA31A3, 350 kcmil, AL, 2 Hole, 1/2″ Stud 1-3/4″ Hole Spacing, AL9CU

By Burndy
Catalog # YA31A3

350 kcmil, AL, 2 Hole, 1/2″ Stud 1-3/4″ Hole Spacing, 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

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

Conductor

Conductor - Material	ALUMINUM / COPPER
Wire Size	350 KCMIL
Conductor - Copper Str Size	350 KCMIL
Conductor - AL Str Size	350 KCMIL
Conductor - AL Str Size Range	350 kcmil

Conductor Size	350 KCMIL
Conductor - Copper Str Size Range	350 kcmil
Conductor Type	Aluminum/Copper

Configuration

Physical Attribute - Number of Holes	2
Connector Type	DUAL RATED

Current

Voltage - Maximum	35000
Voltage Rating	35 kV

Dimensions

Dimension - Outside Diameter inch	1.11 in
Dimension - L Length Overall mm	154 mm
Dimension - Pad Width inch	1.52 in
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - Strip Length inch	2 1/8
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	1/2
Dimension - Thread Size	1/2
Dimension - B Length fraction	1-7/8 in
Dimension - B Length inch	1.85 in
Dimension - Z inch	0.73 in
Physical Attribute - Tongue Angle	Straight
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5
Dimension - Length Overall inch	6.07 in
Dimension - D inch	3.11 in
Dimension - N inch	0.63 in

General

Die Index	299
Trade Name	HYLUG™
Sub Brand	TERMINALS, HYLUG
Color Code	Brown

Physical Attribute - Tongue Type	Standard	Minimum Pack Quantity	1
Plated	Y	Carton Quantity	5
Feature - Barrel Type	Long	Pallet Quantity	1
Feature - Barrel Style	Chamfered		
UPC 12 Digit	781810755808		
UPC 14 Digit GTIN	00781810755808		
Material	ALUMINUM		
Plating Type	Tin - Electro Plated		
Finish Type	Tin-Plated		
UPC	781810755808		

Operational

Temperature Rating	194

Product Assets

[Catalog [English]](#)

[Installation Manual [English]](#)

[Installation Manual [English]](#)

Logistics

A Hubbell brand