

YA36A3UG, Al Compression, 600 kcmil, 2-Hole, 1/2" Stud, 1-3/4" Spacing, AL9CU

By Burndy
Catalog # [YA36A3UG](#)



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
- 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

General

Catalog Number	YA36A3UG
Color Code	Black
Connector Type	LONG BARREL
Die Index	473
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Material	ALUMINUM
Physical Attribute - Number of Holes	2
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Bright Tin Plate
Sub Brand	TERMINALS, HYLUG
Temperature Rating	194
Trade Name	HYLUG™

UPC

750931316571

Dimensions

Dimension - B Length fraction	2-1/2 in
Dimension - B Length inch	2.47 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5
Dimension - D inch	3.15
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - L Length Overall mm	180 mm
Dimension - Length Overall inch	7.09 in
Dimension - N inch	0.63 in
Dimension - Outside Diameter inch	1.44 in
Dimension - Pad Width inch	1.62 in
Dimension - Strip Length inch	2 7/8
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	1/2
Dimension - Thread Size	3/8
Dimension - Z (inch)	0.77
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	600 KCMIL
Conductor - AL Str Size Range	600 kcmil
Conductor - Copper Str Size	600 KCMIL
Conductor - Copper Str Size Range	600 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	600 KCMIL
Conductor Type	CODE

Wire Size 600 KCMIL

Standards - Industry Standards Met UL 486A-486B

Certifications And Compliance

Certification - CSA Approved Yes

Certification - ETL No

Certification - UL Recognized No

Certification - cULus No

Industry Standard(s) UL 486A-486B

Standards - RoHS Compliance Status CM

UL Listed Yes

Product Assets

[Sales Drawings - Sales Drawing](#)



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