



YA27A7, Compression Terminal, AL, 2-Hole

By Burndy

Catalog # [YA27A7](#)

Aluminum Compression Terminal, 3/0 AWG, 2-Hole, 3/8" Stud, 1" Spacing, Filled 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 - UL Recognized	No
Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Contact Manufacturer
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	3/0 AWG
Conductor - AL Str Size	3/0 AWG
Conductor - AL Str Size Range	3/0 AWG

Conductor - Copper Str Size	3/0 AWG
Conductor Size	3/0 AWG
Conductor Type	CODE
Conductor - Copper Str Size Range	3/0 AWG

Configuration

Number of Holes	2
Physical Attribute - Number of Holes	2
Number of Pad Holes	2
Connector Type	DUAL RATED

Current

Voltage Rating	35 kV
Voltage - Maximum	35000

Dimensions

Dimension - Pad Width inch	1.04 in
Package Height	0.000 in
Dimension - Hole Size fraction	3/8
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - L Length Overall mm	96 mm
Dimension - Outside Diameter inch	0.76 in
Dimension - Thread Size	3/8
Dimension - Hole Size mm	10.4 mm
Dimension - Hole Size inch	0.41
Dimension - Strip Length inch	1-1/2
Dimension - Stud Size inch	3/8
Dimension - Stud Size fraction	3/8
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Physical Attribute - Tongue Angle	Straight
Dimension - B Length fraction	1-5/16 in
Dimension - Z inch	0.45 in
Dimension - B Length inch	1.31 in
Dimension - D inch	1.89 in
Dimension - N inch	0.44 in
Dimension - Bolt Size inch	0.38
Dimension - Length Overall inch	3.79 in

General

Trade Name	HYLUG™
Die Index	467
Feature - Barrel Type	Standard
Feature - Barrel Style	Chamfered
Plated	Y
Color Code	Ruby
Physical Attribute - Tongue Type	Standard
Sub Brand	HYLUG
UPC	781810023440
Type	YA-A
Material	Aluminum
Plating Type	Tin - Electro Plated
Finish Type	Electro Tin plated

UPC 12 Digit	781810023440
UPC 14 Digit GTIN	00781810023440

Logistics

Minimum Pack Quantity	5
Pallet Quantity	12330
Carton Quantity	5

Operational

Temperature Rating	194
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Product Assets

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



A Hubbell brand