



YA8CA1, Compression Terminal, 8 AWG AL, 1-Hole, #10 Stud

By Burndy

Catalog # [YA8CA1](#)

8 AWG, AL, 1 Hole, #10 Stud, 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
Certification - cULus	No
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	8 AWG
Conductor - AL Str Size	8 AWG
Conductor - AL Str Size Range	8 AWG
Conductor - Copper Str Size	8 AWG
Conductor Size	8 AWG
Conductor Type	CODE

Conductor - Copper Str Size Range	8 AWG
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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	0.53 in
Package Height	0.000 in
Dimension - Hole Size fraction	#10
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - L Length Overall mm	38 mm
Dimension - Outside Diameter inch	0.30 in
Dimension - Hole Size mm	5 mm
Dimension - Hole Size inch	0.21
Dimension - Strip Length inch	5/8
Dimension - Stud Size inch	#10
Dimension - Stud Size fraction	#10
Dimension - Bolt Hole Size inch	0.20 in
Dimension - Bolt Size fraction	#8-#10
Physical Attribute - Tongue Angle	Straight
Dimension - B Length fraction	5/8 in
Dimension - Z inch	0.40 in
Dimension - B Length inch	0.62 in
Dimension - D inch	0.60 in
Dimension - N inch	0.20 in
Dimension - Bolt Size inch	0.21
Dimension - Length Overall inch	1.50 in

General

Trade Name	HYLUG™
Die Index	374

Feature - Barrel Type	Standard
Plated	Y
Color Code	Blue
Physical Attribute - Tongue	Standard
Type	
UPC	781810752456
Material	Aluminum
Plating Type	Tin - Electro Plated
Finish Type	Tin-Plated
UPC 12 Digit	781810752456
UPC 14 Digit GTIN	00781810752456

Logistics	
Minimum Pack Quantity	1
Carton Quantity	20

Operational	
Temperature Rating	194

Product Assets	
Catalog [English]	
Installation Manual [English]	
Installation Manual [English]	



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