

YA31A5, Compression Terminal, 350 kcmil AL, 2-Hole, 3/8" Stud, 1" Spacing

By Burndy

Catalog # [YA31A5](#)

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
- 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

General

Catalog Number	YA31A5
Color Code	Brown
Die Index	299
EU RoHS Indicator	Contact Manufacturer
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Finish Type	Electro Tin plated
Material	ALUMINUM
Number of Holes	2
Physical Attribute - Number of Holes	2
Physical Attribute - Tongue Type	Standard
Sub Brand	HYLUG
Temperature Rating	194

Trade Name	HYLUG™
Type	YA-A
UPC	781810023488
UPC 14 Digit GTIN	00781810023488

Dimensions

Dimension - B Length fraction	1-7/8 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Dimension - Bolt Size inch	0.38
Dimension - D inch	1.89 in
Dimension - Hole Size fraction	3/8
Dimension - Hole Size inch	0.41
Dimension - Hole Size mm	10.4 mm
Dimension - N inch	0.44 in
Dimension - Outside Diameter inch	1.11 in
Dimension - Pad Width inch	1.52 in
Dimension - Strip Length inch	2 1/8
Dimension - Stud Size fraction	3/8
Dimension - Stud Size inch	3/8
Dimension - Thread Size	3/8
Dimension - Z (inch)	0.45 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

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

Certifications And Compliance

Buy America(n) Qualified	Contact Manufacturer
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards	UL 486A-486B
Met	
Standards - RoHS Compliance	CM
Status	
UL Listed	Yes

Logistics

Carton Quantity	10
Minimum Pack Quantity	10
Pallet Quantity	4640

Product Assets

- [Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Installation Manuals - Aluminum Installation Instructions](#)
- [Installation Manuals - Medium & Large HYDENT Copper & Aluminum Terminal Crimp Instructions with 750 Series 12-Ton Tool](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - SD073935-01](#)
- [Specifications - YA31A5](#)



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