

# YA28A1

by Burndy  
Catalog ID: YA28A1

Prop 65 Notice

Aluminum Compression Lug, 1 Hole w/o Inspection Window, 4/0 AWG, 3/8" Stud, Tin Plated.

Features: Manufactured From High Conductivity, Wrought Aluminum With Heavy Duty wall Thickness, Provides Maximum Conductivity, Low Resistance And Ductility For An Excellent Combination Of Electrical And Crimp Forming Properties, Electro-Tin Plated, Provides Durable Long Lasting Corrosion Resistance, Internally Bevelled Barrel, Provides Easy Cable Insertion, Meets UL486B 90 DEG C Requirements, Provides A Quality Electrical Dual Connection, Connector Is Clearly Marked With Wire Size, Die Index, Color-Code And The Proper Number And Location Of Crimps, Provides Easy Identification And Tooling Recommendation For A Proper Compression Which Forms A Homogeneous Mass Resulting In An Excellent Electrical Connection, Factory Prefilled With PENETROX Oxide Inhibiting Compound, Oxide Inhibiting Compound Contains Homogeneously Suspended Metallic Particles To Penetrate The Wires Oxides, Establish Electrical Continuity And Forms An Airtight Connection, Color-Coded End Caps Inserted In Barrel End, Prevents Foreign Materials From Entering And Contaminating The Connector Prior To Usage Plus Identifies The Proper Color-Coded Die For A Reliable Connection, Type YA-A Aluminum Tin-Plated Compression HYLUG Terminals Are Dual-Rated And Designed For Use On Both Aluminum And Copper Conductors From #12 Solid Through 2000 KCMIL, They Are Designed For Heavy Duty Applications To 35 KV, YA-A Terminals Are Prefilled With PENETROX, And Assembled With Color-Coded End Caps, Available With One, Two, And Four-Hole NEMA Tongues, The Aluminum HYLUG Terminals Are Designed For A Permanent Trouble-Free Electrical Termination, Tools, Die Set Catalog Number, And (number Of Crimps): Y35, Y39, Y750, Y46 Tool, U28ART Die, (2), Dieless Tools (number Of Crimps): Mechanical: MY29-3, MRC840AL Tool, (2), Hydraulic HYPRESS: Y644HS Tool, (1), Y81KFT, Y81KFTMBH, PAT81KFT-18V Tool, (2), Wire Strip Length: 1-5/8 IN, Finish: Tin Plated, Temperature Rating: 90 DEG C, Die Index: 298 Element A



## Product Details

### General

Application	For Use On Both Aluminum And Copper Conductors From #12 Solid Through 2000 KCMIL
Color Code	White
Connector Type	Terminal
Die Index	298
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Material	Aluminum
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	YA-A

UPC	781810754788
UPC 12 Digit	7818107547888

## Dimensions

Dimension - B Length fraction	1-3/8 in
Dimension - B Length inch	1.39 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Dimension - D inch	1.18 in
Dimension - Hole Size inch	0.44 in
Dimension - Hole Size mm	11 mm
Dimension - L Length Overall mm	83 mm
Dimension - Length Overall inch	3.26 in
Dimension - N inch	0.44 in
Dimension - Outside Diameter inch	0.85 in
Dimension - Pad Width inch	1.17 in
Dimension - Strip Length inch	1-5/8
Dimension - Stud Size inch	3/8
Dimension - Thread Size	3/8
Dimension - Z inch	0.74 in
Physical Attribute - Tongue Angle	Straight

## Electrical Ratings

Rating - KVA	35 kV
Rating - Minimum Voltage	600
Voltage - Maximum	35000

## Conductor Related

Conductor - AL Str Size	4/0 AWG
Conductor - AL Str Size Range	4/0 AWG
Conductor - Copper Str Size	4/0 AWG
Conductor - Copper Str Size Range	4/0 AWG

## Certifications and Compliance

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

## Logistics

Minimum Pack Quantity	1
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**For further technical assistance, please contact us**

**BURNDY Headquarters**

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Manchester, New Hampshire 03109

**Customer Service Hours:**

8 AM - 8 PM Eastern Monday-Friday  
Emergency Service 24-hours/365 Days  
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