YA6CA1

by Burndy
Catalog ID: YA6CA1

Prop 65 Notice

Aluminum Compression Lug, 1 Hole w/o Inspection Window, 6 AWG, 1/4" Stud, Al/Cu Rated, Tin Plated.

Features: 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, 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, UL Listed 90 DEG C, 600 V - 35 KV, Wire Strip Length: 3/4 IN, Finish: Electro-Tin Plated, Temperature Rating: 90 DEG C, Color Code: Gray, Tools, Die Set Catalog Number, And (number Of Crimps): Y35, Y39, Y750 Tool, U6CABT Die, (1), Y46 Tool, U6CABT Die With PUADP-1 Adapter, (1), Dieless Tools (number Of Crimps): Mechanical: MY29-3, MRC840AL Tool, (1), Hydraulic HYPRESS: Y81KFT, Y81KFTMBH, PAT81KFT-18V, MY644M Tool, (1), Die Index: 346

Product Details

General

Application	For Aluminum And Copper Conductors
Color Code	Gray
Connector Type	Terminal
Die Index	346
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, Dual Rated
UPC	781810752104

UPC 12 Digit	7818107521044

Dimensions

Dimension - B Length fraction	3/4 in
Dimension - B Length inch	0.75 in
Dimension - Bolt Hole Size inch	0.27 in
Dimension - Bolt Size fraction	1/4
Dimension - D inch	0.75 in
Dimension - Hole Size inch	0.28 in
Dimension - Hole Size mm	7 mm
Dimension - L Length Overall mm	47 mm
Dimension - Length Overall inch	1.84 in
Dimension - N inch	0.33 in
Dimension - Outside Diameter inch	0.34 in
Dimension - Pad Width inch	0.47 in
Dimension - Strip Length inch	3/4
Dimension - Stud Size inch	1/4
Dimension - Thread Size	1/4 in
Dimension - Z inch	0.42 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	6 AWG
Conductor - AL Str Size Range	6 AWG
Conductor - Copper Str Size	6 AWG
Conductor - Copper Str Size Range	6 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

For further technical assistance, please contact us

BURNDY Headquarters
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Customer Service Hours:
8 AM - 8 PM Eastern Monday-Friday
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