

YA8CA3

by Burndy
Catalog ID: YA8CA3

Prop 65 Notice

Aluminum Compression Lug, 1 Hole w/o Inspection Window, 8 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: 5/8 IN, Finish: Electro-Tin Plated, Temperature Rating: 90 DEG C, Tools, Die Set Catalog Number, And (number Of Crimps): Y35, Y39, Y750 Tool, U8CABT Die, (1), Y46 Tool, U8CABT Die With PUADP-1 Adapter, (1), Color Code: Blue, Dieless Tools (number Of Crimps): Mechanical: MY29-3, MRC840AL Tool, (1), Hydraulic HYPRESS: Y81KFT, Y81KFTMBH, PAT81KFT-18V Tool, (1), Die Index: 374



Product Details

General

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|--------------------------------------|------------------------------------|
| Application | For Aluminum And Copper Conductors |
| Color Code | Blue |
| Connector Type | Terminal |
| Die Index | 374 |
| 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 |

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|--------------|---------------|
| UPC | 781810752401 |
| UPC 12 Digit | 7818107524011 |

Dimensions

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|-----------------------------------|----------|
| Dimension - B Length fraction | 5/8 in |
| Dimension - B Length inch | 0.62 in |
| Dimension - Bolt Hole Size inch | 0.27 in |
| Dimension - D inch | 0.75 in |
| Dimension - Hole Size inch | 0.28 in |
| Dimension - Hole Size mm | 7 mm |
| Dimension - L Length Overall mm | 42 mm |
| Dimension - Length Overall inch | 1.65 in |
| Dimension - N inch | 0.25 in |
| Dimension - Outside Diameter inch | 0.30 in |
| Dimension - Pad Width inch | 0.53 in |
| Dimension - Strip Length inch | 5/8 |
| Dimension - Stud Size inch | 1/4 |
| Dimension - Z inch | 0.50 in |
| Physical Attribute - Tongue Angle | Straight |

Electrical Ratings

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

Conductor Related

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|-----------------------------------|-------|
| Conductor - AL Str Size | 8 AWG |
| Conductor - AL Str Size Range | 8 AWG |
| Conductor - Copper Str Size | 8 AWG |
| Conductor - Copper Str Size Range | 8 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

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|-----------------------|---|
| Minimum Pack Quantity | 1 |
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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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