AYP500
by Burndy
Catalog ID: AYP500

Prop 65 Notice
Aluminum Compression Pin Adapter, 500 kcmil, 0.68” Plug Dia, 1.60” Plug Length, Al/Cu Rated, Tin Plated.


Product Details

General

<table>
<thead>
<tr>
<th>Application</th>
<th>For Aluminum And Copper Conductors, Mechanical Connectors In Molded Case Circuit Breakers, Panel Board Equipment And Meter Sockets</th>
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<td>Color Code</td>
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<tr>
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<td>Pin Terminal</td>
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<tr>
<td>Die Index</td>
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</tr>
<tr>
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<tr>
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<td>Physical Attribute - Number of Crimps Required</td>
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### General
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- **Plating Type**: Tin
- **Sub Brand**: HYPLUG
- **Temperature Rating**: 194
- **Trade Name**: HYPLUG™
- **Type**: Aluminum Pin Adapters
- **UPC**: 781810737743
- **UPC 12 Digit**: 7818107377433

### Dimensions
- **Dimension - A Outside Diameter inch**: 1.31 in
- **Dimension - B Length fraction**: 1-1/16 in
- **Dimension - B Length inch**: 1.07 in
- **Dimension - B Outside Diameter inch**: 0.68 in
- **Dimension - L Length Overall mm**: 78 mm
- **Dimension - Length Overall inch**: 3.08 in
- **Dimension - P inch**: 1.60 in
- **Dimension - Strip Length inch**: 1-1/8

### Electrical Ratings
- **Rating - KVA**: 35 kV
- **Rating - Minimum Voltage**: 600
- **Voltage - Maximum**: 35000 V

### Conductor Related
- **Conductor - AL Str Size**: 500 kcmil
- **Conductor - Copper DLO Size**: 373 (925/#24) DLO
- **Conductor - Copper Flex I Size**: -
- **Conductor - Copper Str Size**: 500 kcmil
- **Conductor Type**: CU C DLO-Size

### 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**
47 East Industrial Park Drive  
Manchester, New Hampshire 03109

**Customer Service Hours:**
8 AM - 8 PM Eastern Monday-Friday  
Emergency Service 24-hours/365 Days  
Phone: 1-800-346-4175  
1-603-647-5299 (International)
### Product Details

#### General

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**Features:**
- All-Aluminum Electro-Tin Plated Design: Eliminates Possible Bi-Metallic Corrosion And Provides The Shortest Connector Length Design Possible: Permits Easy Installation In Equipment With Limited Working Space
- Solid Electro-Tin Plated Aluminum Plug: Proper Electrical Connection Made Easily, Eliminates How Tight Is Tight Problem, Smooth Surface On The Solid EC Aluminum Electro-Tin Plated Plug: Provides Greater Area Contact Establishing Excellent Electrical Conductivity, Solid Plug Has Equivalent Cross-Sectional Area As Current Carrying Equivalent Copper Wire: Permits Use Of Larger Aluminum Wire To Connect Equipment
- Offset Plug Design Available In Sizes 2/0 AWG Through 750 KCMIL: Provides Flexibility And Maximizes The Use Of Limited Space Eliminating Interference Between Conductors And Equipment
- Electro-Tin Plated: Resists Corrosion, Factory Prefilled With The Proper Amount Of PENTROX Joint Compound: PENTROX, BURNDYs Oxide Inhibiting Compound With Conductive Metallic Particles Penetrates Aluminum Oxide Between Strands And Forms An Air-Tight Connection
- EPDM Rubber Covers Are Supplied With Each Connector And Are Rated For 600 V: Eliminates Taping
- Only (5) Die Sets Install The Complete Line From #6 To 750 KCMIL: Lowers Inventory Requirements And Saves Money, Supplied In A Plastic Convenience Pack: The Cover And Connector Are Kept Together And Free Of Foreign Material Until Used, Connectors Are Clearly Marked With Catalog Number, Wire Size, And Color Coded Die Index: Provides Clear, Easy To Use Information To Lower Installed Cost
- Cover Length: 2.81 IN, Plug/pin Length: 1.6 IN, Color Code: Pink, Offset Pin: No, Dieless Tools (number Of Crimps): Hydraulic HYTOOL: Y644HS Tool, (1), Y81KFT, Y81KFTMBH, PAT81KFT-18V Tool, (2), Tools, Die Set Catalog Number, And (number Of Crimps): Y35, Y39, Y750 Tool, U34ART Die, (2), Y46 Tool, U34ART Die With PUADP-1 Adapter, (2), Die Index: 300 Element A, Wire Strip Length: 1-1/8 IN, Plug/pin Diameter: 0.68 IN