



# AYP0500

by Burndy Catalog ID: AYPO500

Prop 65 Notice

Aluminum Compression Pin Adapter, 500 kcmil, 0.68" Plug Dia, 1.60" Plug Length, Al/Cu Rated.

Features: All-Aluminum Electro-Tin Plated Design: Eliminates Possible Bi-Metallic Corrosion And Provides The Shortest Connector Length Design Possible. 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 PENETROX 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: 3.16 IN, Plug/pin Length: 1.6 IN, Offset Pin: Yes, Color Code: Pink, 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), Plug/pin Diameter: 0.68 IN, Wire Strip Length: 1-1/8 IN, Die Index: 300 Element A

## **Product Details**

#### General Application For Aluminum And Copper Conductors, Mechanical Connectors In Molded Case Circuit Breakers, Panel Board Equipment And Meter Sockets Color Code Pink Connector Type Pin adapter Die Index 300 Υ Insulation Insulation Type Rubber Aluminum Material Physical Attribute - Number of Crimps Required 4 Offset Pin Type Υ Plated Plating Type Tin Sub Brand HYPLUG **Temperature Rating** 194 Trade Name HYPLUG™

Туре	Aluminum Pin Adapters
UPC	781810738481
UPC 12 Digit	7818107384811

## 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	87 mm
Dimension - Length Overall inch	3.43 in
Dimension - P inch	1.60 in
Dimension - Strip Length inch	1-1/8 in

### **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	СМ
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 Emergency Service 24-hours/365 Days Phone: 1-800-346-4175 1-603-647-5299 (International)