



## AYP6

by Burndy  
Catalog ID: AYP6

Prop 65 Notice

Aluminum Compression Pin Adapter, 6 AWG, 0.23" Plug Dia, 0.68" Plug Length, Al/Cu Rated, Tin Plated.

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: PENETROX, 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: 1.78 IN, Color Code: Tan, Offset Pin: No, Plug/pin Length: 0.68 IN, Dieless Tools (number Of Crimps): HYTOOL: Y644HS, Y81KFT, Y81KFTMBH, PAT81KFT-18V Tool, (1), MY29-3 Tool, (2), Tools, Die Set Catalog Number, And (number Of Crimps): HYTOOL: MD6 Tool, W241 Die, OH25 Tool, (1), Y35, Y39, Y750 Tool, U25ART Die, (1), Y46 Tool, U25ART Die With PUADP-1 Adapter, (1), Wire Strip Length: 1-1/16 IN, Die Index: 296 Element A, Plug/pin Diameter: 0.23 IN

## Product Details

### General

Application	For Aluminum And Copper Conductors, Mechanical Connectors In Molded Case Circuit Breakers, Panel Board Equipment And Meter Sockets
Color Code	Tan
Connector Type	Pin Terminal
Die Index	296
Insulation	Y
Insulation Type	EPDM Rubber
Material	Aluminum
Physical Attribute - Number of Crimps Required	1
Pin Type	Straight
Plated	Y
Plating Type	Tin
Sub Brand	HYPLUG
Temperature Rating	194
Trade Name	HYPLUG™

Type	Aluminum Pin Adapters
UPC	781810737507
UPC 12 Digit	7818107375077

## Dimensions

Dimension - A Outside Diameter inch	0.60 in
Dimension - B Length fraction	1 in
Dimension - B Length inch	1.00 in
Dimension - B Outside Diameter inch	0.23 in
Dimension - L Length Overall mm	47 mm
Dimension - Length Overall inch	1.85 in
Dimension - P inch	0.68 in
Dimension - Strip Length inch	1-1/16

## Electrical Ratings

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

## Conductor Related

Conductor - AL Str Size	6 Str.
Conductor - Copper DLO Size	8 (37/#24) DLO
Conductor - Copper Flex I Size	#8 AWG
Conductor - Copper Solid Size	6 AWG
Conductor - Copper Solid Size Range	6 AWG
Conductor - Copper Str Size	6 AWG
Conductor Type	<ul style="list-style-type: none"> <li>• CU C Flex I-Size</li> <li>• CU C DLO-Size</li> </ul>

## 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**  
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)

