



# AYPO400, Compression Pin Adapter, 400 kcmil, .63" Pin Dia, 1.6" Pin Length, AL9CU

By Burndy  
Catalog # [AYPO400](#)



Aluminum Compression Pin Adapter, 400 kcmil, 0.63" Plug Dia, 1.60" Plug Length, Al/Cu Rated, Tin Plated.

## Features

- All-aluminum electro-tin plated design eliminates possible bi-metallic corrosion
- Provides the shortest connector length design possible permitting easy installation in equipment with limited working space
- Solid electro-tin plated aluminum plug
- Proper electrical connection made easily and eliminates the "how tight is tight" issue
- Solid plug has equivalent cross-sectional area as current carrying equivalent copper wire permitting use of larger aluminum wire to connect equipment
- Offset plug design available in sizes 2/0 through 750 kcmil providing flexibility and maximizing the use of limited space while eliminating interference between conductors and equipment
- Electro-tin plating resists corrosion
- Factory pre-filled with PENETROX oxide inhibiting compound with conductive metallic particles to penetrate aluminum oxide between strands and forms an air-tight connection
- EPDM rubber covers supplied with each connector and rated for 600V eliminating taping
- Only 5 die sets are required to install the complete line from #6 to 750 kcmil reducing inventory requirements
- Supplied in plastic convenience pack so cover and connector are kept together and free of foreign material until opened
- Connectors are clearly marked with catalog number, wire size, along with a color-coded die index providing clear, easy to use information

## Application

Wire Termination

## General

Color Code	Pink
Connector Type	OFFSET PIN
Die Index	300
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	Rubber
Material	ALUMINUM
Physical Attribute - Number of Crimps Required	4

## 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	0.63 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 Equivalent Pin Size	1-1/8 in 300 kcmil

## Electrical Ratings

Voltage - Maximum Voltage Rating	35000 V 35 kV
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## Conductor Related

Conductor - AL Str Size	400 KCMIL
Conductor - AL Str Size Range	400 kcmil
Conductor - Copper DLO Size	-
Conductor - Copper Flex I Size	400 KCMIL
Conductor - Copper Str Compact Size	400 KCMIL
Conductor - Copper Str Size	400 KCMIL
Conductor - Copper Str Size Range	400 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	400 KCMIL
Conductor Type	CODE
Wire Size	400 KCMIL

## 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

Crimps Required	
Pin Type	Solid
Plated	Y
Plating Type	Tin
Sub Brand	HYPLUG
Temperature Rating	194
Terminal Type	Pin
Trade Name	HYPLUG™
Type	Aluminum Pin Adapters
UPC	781810738467
UPC 12 Digit	7818107384677

UL Listed	Yes
<b>Logistics</b>	
Carton Quantity	10
Minimum Pack Quantity	1
Pallet Quantity	2400

### Product Assets

[Catalogs - Full Line BURNDY Catalog](#)  
[Customer Notices - Prop 65 Notice](#)  
[Sales Drawings - 50103891](#)



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