



# AYPO4/0, 4/0 AWG, AL Compression Pin Adapter

By Burndy  
Catalog # AYPO4/0

Aluminum Compression Pin Adapter, 4/0 AWG, 0.42" Plug Dia, 1.22" 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	White
Connector Type	OFFSET PIN
Die Index	298
EU RoHS Indicator	Yes
Finish Type	Plaqué étain
Insulation	Y
Insulation Type	Rubber
Material	ALUMINIUM
Physical Attribute - Number of Crimps Required	2

## Dimensions

Dimension - A Outside Diameter inch	.85 in
Dimension - B Length fraction	1-1/8 in
Dimension - B Length inch	1.11 in
Dimension - B Outside Diameter inch	0.42 in
Dimension - L Length Overall mm	71 mm
Dimension - Length Overall inch	2.80 in
Dimension - P inch	1.22 in
Dimension - Strip Length inch Equivalent Pin Size	1-1/8 in 2/0 AWG

## Electrical Ratings

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

Conductor - AL Str Size	4/0 AWG
Conductor - AL Str Size Range	4/0 AWG
Conductor - Copper DLO Size	3/0 AWG
Conductor - Copper DLO Size Range	3/0 AWG
Conductor - Copper Flex I Size	4/0 AWG
Conductor - Copper Flex I Size Range	3/0 AWG
Conductor - Copper Solid Size	4/0 AWG
Conductor - Copper Solid Size Range	4/0 AWG
Conductor - Copper Str Compact Size	4/0 AWG
Conductor - Copper Str Size	4/0 AWG
Conductor - Copper Str Size Range	4/0 AWG
Conductor - Material	ALUMINIUM / COPPER
Conductor Size	4/0 AWG
Conductor Type	CODE/FLEX
Wire Size	4/0 AWG

## Certifications and Compliance

Certification - CSA Approved	Yes
Certification - ETL	No

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	781810738368
UPC 12 Digit	7818107383688

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

Carton Quantity	10
Minimum Pack Quantity	1
Pallet Quantity	2960

### Product Assets

[3D Models - AYPO40\\_MODEL-IGES](#)  
[3D Models - AYPO40\\_MODEL-STEP](#)  
[3D Models - AYPO40\\_MODEL-PDF](#)  
[Customer Notices - Prop 65 Notice](#)  
[Sales Drawings - 50103891](#)



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