



# AYPO3/0, 3/0 AWG, AL Compression Pin Adapter

By Burndy  
Catalog # [AYPO3/0](#)

Aluminum Compression Pin Adapter, 3/0 AWG, 0.37" 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	0.37 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 1/0 AWG

## Electrical Ratings

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

Conductor - AL Str Size	3/0 AWG
Conductor - AL Str Size Range	3/0 AWG
Conductor - Copper DLO Size	2/0 AWG
Conductor - Copper DLO Size Range	2/0 AWG
Conductor - Copper Flex I Size	3/0 AWG
Conductor - Copper Flex I Size Range	2/0 AWG
Conductor - Copper Solid Size	3/0 AWG
Conductor - Copper Solid Size Range	3/0 AWG
Conductor - Copper Str Compact Size	3/0 AWG
Conductor - Copper Str Size	3/0 AWG
Conductor - Copper Str Size Range	3/0 AWG
Conductor - Material	ALUMINIUM / COPPER
Conductor Size	3/0 AWG
Conductor Type	CODE/FLEX
Wire Size	3/0 AWG

## Certifications and Compliance

Certification - CSA Approved	Yes
Certification - ETL	No

Crimps Required		Certification - UL Recognized	No
Pin Type	Solid	Certification - cULus	No
Plated	Y	Industry Standard(s)	UL 486A-486B
Plating Type	Tin	Standards - Industry Standards Met	UL 486A-486B
Sub Brand	HYPLUG	Standards - RoHS Compliance Status	CM
Temperature Rating	194	UL Listed	Yes
Terminal Type	Pin		
Trade Name	HYPLUG™		
Type	<ul style="list-style-type: none"> <li>• Aluminum Pin Adapters</li> <li>• Adaptateurs de broches en aluminium</li> </ul>		
UPC	781810738337		
UPC 12 Digit	7818107383377		

### Logistics

Carton Quantity	10
Minimum Pack Quantity	1
Pallet Quantity	2960

### Product Assets

- [3D Models - AYPO3-0\\_MODEL-IGES](#)
- [3D Models - AYPO3-0\\_MODEL-STEP](#)
- [3D Models - AYPO3-0\\_MODEL-PDF](#)
- [Customer Notices - Prop 65 Notice](#)
- [Sales Drawings - 50103891](#)



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