



## 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 Cimps 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	35000 V
Voltage Rating	35 kV

### 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	ALUMINUM / 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		Certification - UL Recognized	No
Pin Type	Solid	Certification - cULus	No
Plated	Y	Industry Standard(s)	UL 486A-486B
Plating Type	Tin	Standards - Industry	UL 486A-486B
Sub Brand	HYPLUG	Standards Met	
Temperature Rating	194	Standards - RoHS Compliance	CM
Terminal Type	Pin	Status	
Trade Name	HYPLUG™	UL Listed	Yes
Type	<ul style="list-style-type: none"><li>Aluminum Pin Adapters</li><li>Adaptateurs de broches en aluminium</li></ul>		
UPC	781810738368		
UPC 12 Digit	7818107383688		

Logistics

Carton Quantity	10
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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