



AYPO750, Compression Pin Adapter, 700/750 kcmil, .81" Pin Dia, 1.76" Pin Length, AL9CU

By Burndy
Catalog # [AYPO750](#)



Aluminum Compression Pin Adapter, 700/750 kcmil, 0.81" Plug Dia, 1.76" Plug Length, Al/Cu Rated.

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	Yellow
Connector Type	OFFSET PIN
Die Index	936
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	Rubber
Material	ALUMINUM
Physical Attribute - Number of Cimps Required	3

Dimensions

Dimension - A Outside Diameter inch	1.46 in
Dimension - B Length fraction	1-5/8 in
Dimension - B Length inch	1.59 in
Dimension - B Outside Diameter inch	0.81 in
Dimension - L Length Overall mm	106 mm
Dimension - Length Overall inch	4.16 in
Dimension - P inch	1.76 in
Dimension - Strip Length inch Equivalent Pin Size	1-3/4 in 500 kcmil

Electrical Ratings

Voltage - Maximum Voltage Rating	35000 V 35 kV
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Conductor Related

Conductor - AL Str Size	750 KCMIL
Conductor - AL Str Size Range	750 kcmil
Conductor - Copper DLO Size	535 KCMIL
Conductor - Copper DLO Size Range	535 kcmil
Conductor - Copper Flex I Size	-
Conductor - Copper Str Compact Size	750 KCMIL
Conductor - Copper Str Size	750 KCMIL
Conductor - Copper Str Size Range	750 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	750 KCMIL
Conductor Type	CODE/FLEX
Wire Size	750 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

Crimps Required		Standards - RoHS Compliance	CM
Pin Type	Solid	Status	
Plated	Y	UL Listed	Yes
Plating Type	Tin		
Sub Brand	HYPLUG	Logistics	
Temperature Rating	194	Carton Quantity	6
Terminal Type	Pin	Minimum Pack Quantity	1
Trade Name	HYPLUG™	Pallet Quantity	1776
Type	<ul style="list-style-type: none">Aluminum Pin AdaptersAluminum Pin Adapters	Product Assets	
UPC	781810738535	3D Models - AYPO750_MODEL-STEP	
UPC 12 Digit	7818107385355	3D Models - AYPO750_MODEL-IGES	
		3D Models - AYPO750_MODEL-PDF	
		Catalogs - Full Line BURNDY Catalog	
		Customer Notices - Prop 65 Notice	
		Sales Drawings - 50103891	



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BRDY-AYPO750-SPEC-EN | REV 8/2023