



AYPO300, Compression Pin Adapter, 300 kcmil, .53" Pin Dia, 1.34" Pin Length, AL9CU

By Burndy
Catalog # [AYPO300](#)



Aluminum Compression Pin Adapter, 300 kcmil, 0.53" Plug Dia, 1.34" 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	Brown
Connector Type	OFFSET PIN
Die Index	299
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	Rubber
Material	ALUMINUM
Physical Attribute - Number of Crimps Required	2

Dimensions

Dimension - A Outside Diameter inch	1.10 in
Dimension - B Length fraction	1-1/16 in
Dimension - B Length inch	1.07 in
Dimension - B Outside Diameter inch	0.53 in
Dimension - L Length Overall mm	78 mm
Dimension - Length Overall inch	3.08 in
Dimension - P inch	1.34 in
Dimension - Strip Length inch Equivalent Pin Size	1-1/8 in 4/0 AWG

Electrical Ratings

Voltage - Maximum Voltage Rating	35000 V 35 kV
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Conductor Related

Conductor - AL Str Size	300 KCMIL
Conductor - AL Str Size Range	300 kcmil
Conductor - Copper DLO Size	262 KCMIL
Conductor - Copper DLO Size Range	262 kcmil
Conductor - Copper Flex I Size	300 KCMIL
Conductor - Copper Flex I Size Range	250 kcmil
Conductor - Copper Str Compact Size	300 KCMIL
Conductor - Copper Str Size	300 KCMIL
Conductor - Copper Str Size Range	300 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	300 KCMIL
Conductor Type	CODE/FLEX
Wire Size	300 KCMIL

Certifications and Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B

Crimps Required		Standards - Industry	UL 486A-486B
Pin Type	Solid	Standards Met	
Plated	Y	Standards - RoHS Compliance Status	CM
Plating Type	Tin	UL Listed	Yes
Sub Brand	HYPLUG		
Temperature Rating	194		
Terminal Type	Pin	Logistics	
Trade Name	HYPLUG™	Carton Quantity	10
Type	<ul style="list-style-type: none"> Aluminum Pin Adapters Aluminum Pin Adapters 	Minimum Pack Quantity	1
		Pallet Quantity	2960
		Product Assets	
UPC	781810738429	Customer Notices - Prop 65 Notice	
UPC 12 Digit	7818107384299	Sales Drawings - 50103891	



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