BURNDY

AYPO500, Compression Pin Adapter, 500 kcmil, .68 Pin Dia, 1.6" Pin Length, AL9CU

By Burndy
Catalog # AYPO500

Aluminum Compression Pin Adapter, 500 kcmil, 0.68" Plug Dia, 1.60" 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	Pink
Connector Type	OFFSET PIN
Die Index	300
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	Rubber
Material	ALUMINUM
Physical Attribute - Number of	4

Dimensions

Dimension - A Outside Diameter inch	1.31 in
Dimension - B Length fraction	1-1/16 in
Dimension - B Length inch	1.07 in
Dimension - B Outside Diameter inch	0.68 in
Dimension - L Length Overall mm	87 mm
Dimension - Length Overall inch	3.43 in
Dimension - P inch	1.60 in
Dimension - Strip Length inch	1-1/8 in
Equivalent Pin Size	350 kcmil

Electrical Ratings

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	500 KCMIL
Conductor - AL Str Size Range	500 kcmil
Conductor - Copper DLO Size	373 KCMIL
Conductor - Copper DLO Size Range	373 kcmil
Conductor - Copper Flex I Size	500 KCMIL
Conductor - Copper Flex I Size Range	500 kcmil
Conductor - Copper Str Compact Size	500 KCMIL
Conductor - Copper Str Size	500 KCMIL
Conductor - Copper Str Size Range	500 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	500 KCMIL
Conductor Type	CODE/FLEX
Wire Size	500 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 Standards Met	UL 486A-486B
Pin Type	Solid	Standards - RoHS Compliance Status	CM
Plated	Y		
Plating Type	Tin	UL Listed	Yes
Sub Brand	HYPLUG		

Logistics

Temperature Rating	194
Terminal Type	Pin
Trade Name	HYPLUG™

Carton Quantity	10
Minimum Pack Quantity	1
Pallet Quantity	2960

Type
- Aluminum Pin Adapters
- Aluminum Pin Adapters

Product Assets

3D Models - AYPO500_MODEL-PDF
3D Models - AYPO500_MODEL-IGES
3D Models - AYPO500_MODEL-STEP
Catalogs - Full Line BURNDY Catalog
Customer Notices - Prop 65 Notice
Sales Drawings - 50103891

UPC	781810738481
UPC 12 Digit	7818107384811

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