BURNDY®

AYPO350, 350 kcmil, AL Compression Pin Adapter

By Burndy
Catalog # AYPO350

Aluminum Compression Pin Adapter, 350 kcmil, 0.57" Plug Dia, 1.34" 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	Brown
Connector Type	OFFSET PIN
Die Index	299
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	1.10 in
Dimension - B Length fraction	1-1/16 in
Dimension - B Length inch	1.07 in
Dimension - B Outside Diameter inch	0.57 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	1-1/8 in
Equivalent Pin Size	250 kcmil

Electrical Ratings

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	350 KCMIL
Conductor - AL Str Size Range	350 kcmil
Conductor - Copper DLO Size	313 KCMIL
Conductor - Copper DLO Size Range	313 kcmil
Conductor - Copper Flex I Size	-
Conductor - Copper Str Compact Size	350 KCMIL
Conductor - Copper Str Size	350 KCMIL
Conductor - Copper Str Size Range	350 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	350 KCMIL
Conductor Type	CODE/FLEX
Wire Size	350 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			
Pin Type	Solid	Standards - RoHS Compliance Status	CM
Plated	Y	UL Listed	Yes
Plating Type	Tin		
Sub Brand	HYPLUG	**Logistics**	
Temperature Rating	194		
Terminal Type	Pin	Carton Quantity	10
Trade Name	HYPLUG™	Minimum Pack Quantity	1
Type	• Aluminum Pin Adapters	Pallet Quantity	2960
	• Adaptateurs de broches en aluminium		

Product Assets

3D Models - AYPO350_MODEL-IGES
3D Models - AYPO350_MODEL-STEP
3D Models - AYPO350_MODEL-PDF
Customer Notices - Prop 65 Notice
Sales Drawings - 50103891

UPC	781810738443
UPC 12 Digit	7818107384433