![Burndy logo]

AYPO600, Compression Pin Adapter, 600 kcmil, .73" Pin Dia, 1.64" Pin Length, AL9CU

By Burndy
Catalog # AYPO600

Aluminum Compression Pin Adapter, 600 kcmil, 0.73" Plug Dia, 1.64" 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	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 Crimps 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	0.73 in
Dimension - L Length Overall mm	102 mm
Dimension - Length Overall inch	4.02 in
Dimension - P inch	1.64 in
Dimension - Strip Length inch	1-3/4 in
Equivalent Pin Size	400 kcmil

Electrical Ratings

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	600 KCMIL
Conductor - AL Str Size Range	600 kcmil
Conductor - Copper DLO Size	444 KCMIL
Conductor - Copper DLO Size Range	444 kcmil
Conductor - Copper Flex I Size	-
Conductor - Copper Str Compact Size	600 KCMIL
Conductor - Copper Str Size	600 KCMIL
Conductor - Copper Str Size Range	600 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	600 KCMIL
Conductor Type	CODE/FLEX
Wire Size	600 KCMIL

Certifications and Compliance

Certification - CSA Approved	Yes
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

Crimps Required

Pin Type	Solid
Plated	Y
Plating Type	Tin
Sub Brand	HYPLUG
Temperature Rating	194
Terminal Type	Pin
Trade Name	HYPLUG™
Type	Aluminum Pin Adapters
UPC	781810738504
UPC 12 Digit	7818107385044

Logistics

Carton Quantity	6
Minimum Pack Quantity	1
Pallet Quantity	1440

Product Assets

3D Models - AYPO0600_MODEL-PDF
3D Models - AYPO0600_MODEL-IGES
3D Models - AYPO0600_MODEL-STEP
Catalogs - Full Line BURNDY Catalog
Customer Notices - Prop 65 Notice
Sales Drawings - 50103891