

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

By Burndy
Catalog # [AYPO600](#)

600 kcmil, Aluminum, Termination, 0.73 Inch Pin Dia, 1.64 Inch Pin Length, AL9CU



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

Specifications

Buy American Compliant	Yes
EU RoHS Indicator	Yes
Industry Standard(s)	UL 486A-486B
Buy America(n) Qualified	<ul style="list-style-type: none"> • Buy American Act Compliant (All status valid till December 2025) • BABA Compliant (All status valid till December 2025)
Standards - Industry Standards Met	UL 486A-486B

Standards - RoHS Compliance Status	CM
Certification - CSA Approved	Yes
UL Listed	Yes

Conductor

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

Configuration

Physical Attribute - Number of Crimps Required	3
Connector Type	OFFSET PIN

Current

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Dimensions

Dimension - L Length Overall mm	102 mm
Dimension - P inch	1.64 in
Dimension - Strip Length inch	1-3/4 in
Width	1.46 in
Dimension - A Outside	1.46 in
Diameter inch	
Dimension - B Length fraction	1-5/8 in
Dimension - B Outside	0.73 in
Diameter inch	
Dimension - B Length inch	1.59 in
Length	4.02 in
Equivalent Pin Size	400 kcmil

Dimension - Length Overall 4.02 in
inch
Height 1.46 in
Dimensions 4.02 in x 1.46 in x 1.46 in

General

Die Index 936
Insulation Type Rubber
Trade Name HYPLUG™
Insulation Y
Sub Brand HYPLUG
Terminal Type Pin
Color Code Yellow
Pin Type Solid
Plated Y
Type Aluminum Pin Adapters
UPC 12 Digit 781810738504

UPC 14 Digit GTIN 00781810738504
Material ALUMINUM
Plating Type Tin
Finish Type Tin-Plated
UPC 781810738504

Logistics

Minimum Pack Quantity 1
Carton Quantity 6
Pallet Quantity 1440

Operational

Temperature Rating 194

Product Assets

[Catalog \[English\]](#)



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