



AYPO1000, Compression Pin Adapter, 1000 kcmil, .81" Pin Dia, AL9CU

By Burndy
Catalog # [AYPO1000](#)

Aluminum compression adaptor, UL Listed 90° C, Up to 35 kV, Cover is rated for 600 V.



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
- Aluminum pin terminals are dual rated to accommodate both copper and aluminum wire
- Short pin length design permits easy installation in limited space applications
- rated for the full ampacity of the incoming conductor
- Smooth surface on the pin allows for greater contact area and electrical connectivity
- Solid pin design eliminates "how tight is tight" torque requirement problem and eliminates over torquing on stranded pin adapters that can result in damaged strands increasing resistance
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce

General

Color Code	Brown
Connector Type	OFFSET PIN
Die Index	302
Finish Type	Tin-Plated
Material	ALUMINUM
Pin Type	Solid
Terminal Type	Pin
Trade Name	HYPLUG™
Type	Aluminum Pin Adapters
UPC	621945586444

Dimensions

Equivalent Pin Size	500 kcmil
Length	1.76 in

Electrical Ratings

Voltage Rating	35 kV
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Conductor Related

Conductor - AL Str Size	1000 KCMIL
Conductor - AL Str Size Range	1000 kcmil
Conductor - Copper DLO Size	777 DLO
Conductor - Copper DLO Size Range	777 kcmil
Conductor - Copper Str Compact Size	1000 KCMIL
Conductor - Copper Str Size	1000 KCMIL
Conductor - Copper Str Size Range	1000 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	1000 KCMIL
Conductor Type	CODE/FLEX
Wire Size	1000 KCMIL

Certifications and Compliance

Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
UL Listed	Yes

Logistics

Carton Quantity	6
Pallet Quantity	1776

Electrochrom plated brass that will be plated to reduce

- galvanic corrosion(bimetallic) and resist corrosive elements
- Connectors are clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in aconnection
- it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection

Product Assets

[Sales Drawings - 50103891](#)

Application

Wire Termination



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