



AYPO4/0, Compression Pin Adapter, 4/0 AWG, .42" Pin Dia, 1.22" Pin Length, AL9CU

By Burndy
Catalog # [AYPO4/0](#)

Aluminum Compression Pin Adapter, 4/0 AWG, 0.42" Plug Dia, 1.22" 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

General

Catalog Number	AYPO4/0
Color Code	White
Connector Type	OFFSET PIN
Die Index	298
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	Rubber
Material	ALUMINUM
Physical Attribute - Number of Crimps Required	2



Pin Type	Solid
Plated	Y
Plating Type	Tin
Sub Brand	HYPLUG
Temperature Rating	194
Terminal Type	Pin
Trade Name	HYPLUG™
UPC	781810738368
UPC 14 Digit GTIN	00781810738368

Dimensions

Dimension - A Outside Diameter inch	.85 in
Dimension - B Length fraction	1-1/8 in
Dimension - B Length inch	1.11 in
Dimension - B Outside Diameter inch	0.42 in
Dimension - L Length Overall mm	71 mm
Dimension - Length Overall inch	2.80 in
Dimension - P inch	1.22 in
Dimension - Strip Length inch	1-1/8 in
Equivalent Pin Size	2/0 AWG

Electrical Ratings

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	4/0 AWG
Conductor - AL Str Size Range	4/0 AWG
Conductor - Copper DLO Size	3/0 AWG
Conductor - Copper DLO Size Range	4/0 AWG
Conductor - Copper Flex I Size	4/0 AWG
Conductor - Copper Flex I Size Range	4/0 AWG
Conductor - Copper Solid Size	4/0 AWG
Conductor - Copper Solid Size Range	4/0 AWG

Conductor - Copper Str	4/0 AWG
Compact Size	
Conductor - Copper Str Size	4/0 AWG
Conductor - Copper Str Size Range	4/0 AWG
Conductor - Material	ALUMINUM / COPPER
Conductor Size	4/0 AWG
Conductor Type	CODE/FLEX
Wire Size	4/0 AWG

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
Standards - RoHS Compliance Status	CM

UL Listed	Yes
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Logistics

Carton Quantity	10
Pallet Quantity	2960

Product Assets

- [3D Models - AYPO40_MODEL-STEP](#)
- [3D Models - AYPO40_MODEL-PDF](#)
- [3D Models - AYPO40_MODEL-IGES](#)
- [Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - 50103891](#)
- [Specifications - AYPO40 Specification Sheet English](#)
- [Specifications - AYPO4_0 Specification Sheet](#)
- [Specifications - AYPO4/0 Specification Sheet French](#)

