# 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

| | |
|---|---|
| Application | |
| Catalog Number | AYPO4/0 |
| Color Code | White |
| Connector Type | OFFSET PIN |
| Die Index | 298 |
| EU RoHS Indicator | Yes |
| Finish Type | Plaqué étain |
| 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™ |
| Type | |
| UPC | 781810738368 |
| UPC 12 Digit | 7818107383688 |

## 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 Compact Size | 4/0 AWG |
| 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 |

## Logistics

| | |
|---|---|
| Carton Quantity | 10 |
| Pallet Quantity | 2960 |

## Product Assets

3D Models - AYPO40_MODEL-PDF
3D Models - AYPO40_MODEL-STEP
3D Models - AYPO40_MODEL-IGES
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
Catalogs - BURNDY Master Catalog - Section C - Compression Connections
Customer Notices - Prop 65 Notice
Interactive Catalog - BURNDY Full-Line Digital Catalog
Sales Drawings - 50103891

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