



AYP1/0, Compression Pin Adapter, 1/0 AWG, .29" Pin Dia, AL9CU

By Burndy
Catalog # [AYP1/0](#)

Aluminum Compression Pin Adapter, 1/0 AWG, 0.29" Plug Dia, 0.84" 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

| | |
|-------------------|-------------|
| Catalog Number | AYP1/0 |
| Color Code | Tan |
| Connector Type | INLINE PIN |
| Die Index | 296 |
| EU RoHS Indicator | Yes |
| Finish Type | Tin-Plated |
| Insulation | Y |
| Insulation Type | EPDM Rubber |
| Material | ALUMINUM |

Dimensions

| | |
|---|--------------------|
| Dimension - A Outside Diameter inch | 0.60 in |
| Dimension - B Length fraction | 1 in |
| Dimension - B Length inch | 1.00 in |
| Dimension - B Outside Diameter inch | 0.29 in |
| Dimension - L Length Overall mm | 51 mm |
| Dimension - Length Overall inch | 2.01 in |
| Dimension - P inch | 0.84 in |
| Dimension - Strip Length inch Equivalent Pin Size | 1-1/16 in 2 AWG |

Electrical Ratings

| | |
|----------------------------------|------------------|
| Voltage - Maximum Voltage Rating | 35000 V 35 kV |
|----------------------------------|------------------|

Conductor Related

| | |
|--------------------------------------|-------------------|
| Conductor - AL Str Size | 1/0 AWG |
| Conductor - AL Str Size Range | 1/0 AWG |
| Conductor - Copper DLO Size | 1 AWG |
| Conductor - Copper DLO Size Range | 1/0 AWG |
| Conductor - Copper Flex I Size | 1/0 AWG |
| Conductor - Copper Flex I Size Range | 1/0 AWG |
| Conductor - Copper Solid Size | 1/0 AWG |
| Conductor - Copper Solid Size Range | 1/0 AWG |
| Conductor - Copper Str Compact Size | 1/0 AWG |
| Conductor - Copper Str Size | 1/0 AWG |
| Conductor - Copper Str Size Range | 1/0 AWG |
| Conductor - Material | ALUMINUM / COPPER |
| Conductor Size | 1/0 AWG |
| Conductor Type | CODE/FLEX |
| Wire Size | 1/0 AWG |

Certifications And Compliance

| | |
|------------------------------|-----|
| Certification - CSA Approved | Yes |
| Certification - ETL | No |

| | |
|--|--|
| Physical Attribute - Number of Crimps Required | 1 |
| Pin Type | Solid |
| Plated | Y |
| Plating Type | Tin |
| Sub Brand | HYPLUG |
| Temperature Rating | 194 |
| Terminal Type | Pin |
| Trade Name | HYPLUG™ |
| Type | <ul style="list-style-type: none"> Aluminum Pin Adapters Aluminum Pin Adapters |
| UPC | 781810737583 |
| UPC 12 Digit | 7818107375833 |

| | |
|------------------------------------|--------------|
| 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 | 25 |
| Minimum Pack Quantity | 1 |
| Pallet Quantity | 11600 |

Product Assets

[Catalogs - Full Line BURNDY Catalog](#)
[Catalogs - Section C - Compression Connections](#)
[Customer Notices - Prop 65 Notice](#)
[Sales Drawings - 50103891](#)



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