



AYP750, Compression Pin Adapter, 750 kcmil, 81" Pin Dia, AL9CU

By Burndy
Catalog # [AYP750](#)

Aluminum Compression Pin Adapter, 700/750 kcmil, 0.81" Plug Dia, 1.76" 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	AYP750
Color Code	Yellow
Connector Type	INLINE PIN
Die Index	936
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	EPDM Rubber
Material	ALUMINUM

Dimensions

Dimension - A Outside Diameter inch	1.46 in
Dimension - B Length fraction	1-5/8 in
Dimension - B Length inch	1.59 in
Dimension - B Outside Diameter inch	0.81 in
Dimension - L Length Overall mm	96 mm
Dimension - Length Overall inch	3.79 in
Dimension - P inch	1.76 in
Dimension - Strip Length inch	1-3/4
Equivalent Pin Size	500 kcmil

Electrical Ratings

Voltage - Maximum Voltage Rating	35000 V 35 kV
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Conductor Related

Conductor - AL Str Size	750 KCMIL
Conductor - AL Str Size Range	750 kcmil
Conductor - Copper DLO Size	535 KCMIL
Conductor - Copper DLO Size Range	535 kcmil
Conductor - Copper Flex I Size	-
Conductor - Copper Str Compact Size	750 KCMIL
Conductor - Copper Str Size	750 KCMIL
Conductor - Copper Str Size Range	750 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	750 KCMIL
Conductor Type	CODE/FLEX
Wire Size	750 KCMIL

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

Physical Attribute - Number of Crimps Required 3
Pin Type Solid
Plated Y
Plating Type Tin
Sub Brand HYPLUG
Temperature Rating 194
Terminal Type Pin
Trade Name HYPLUG™
Type
• Aluminum Pin Adapters
• Aluminum Pin Adapters
UPC 781810737781
UPC 12 Digit 7818107377811

Standards - RoHS Compliance CM
Status
UL Listed Yes

Logistics

Carton Quantity 6
Minimum Pack Quantity 1
Pallet Quantity 1776

Product Assets

[3D Models - AYP750_MODEL-IGES](#)
[3D Models - AYP750_MODEL-PDF](#)
[3D Models - AYP750_MODEL-STEP](#)
[Catalogs - Full Line BURNDY Catalog](#)
[Catalogs - Section C - Compression Connections](#)
[Customer Notices - Prop 65 Notice](#)
[Sales Drawings - 50103891](#)



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