AYP250, 250 kcmil, AL Compression Pin Adapter, .47" Pin Dia, Al/Cu Rated



By Burndy
Catalog # AYP250

250 kcmil, Aluminum, Termination, 0.47 Inch Pin Dia, 1.22 Inch Pin Length, AL9CU

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

Specifications

Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Yes
Certification - UL Recognized	No
Industry Standard(s)	UL 486A-486B
Buy America(n) Qualified	Contact Manufacturer
Certification - ETL	No
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
Certification - CSA Approved	Yes
UL Listed	Yes

Conductor

Conductor - Material	ALUMINUM / COPPER
Wire Size	250 KCMIL
Conductor - Copper Str Size	250 KCMIL
Conductor - Copper Flex I Size Range	4/0 AWG
Conductor - Copper Flex K Size	4/0 AWG
Conductor - AL Str Size	250 KCMIL
Conductor - Copper Flex K Size Range	4/0 AWG
Conductor - AL Str Size Range	250 kcmil
Conductor - Copper Flex M Size	4/0 AWG
Conductor - Copper Str Compact Size	250 KCMIL
Conductor - Copper DLO Size	4/0 AWG
Conductor - Copper DLO Size Range	4/0 AWG
Conductor Size	250 KCMIL
Conductor - Copper Str Size Range	250 kcmil
Conductor Type	CODE/FLEX
Conductor - Copper Flex I Size	250 KCMIL

Configuration

Physical Attribute - Number of Crimps Required	2
Connector Type	INLINE PIN

Current

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Dimensions

Dimension - L Length Overall mm	67 mm
Dimension - P inch	1.22 in
Dimension - Strip Length inch	1-1/8
Width	1.1 in
Dimension - A Outside Diameter inch	1.10 in
Dimension - B Length fraction	1-1/16 in

Dimension - B Outside Diameter inch	0.47 in
Dimension - B Length inch	1.07 in
Length	2.63 in
Equivalent Pin Size	3/0 AWG
Dimension - Length Overall inch	2.63 in
Height	1.1 in
Dimensions	2.63 in x 1.1 in x 1.1 in

General

Die Index	299
Insulation Type	EPDM Rubber
Trade Name	HYPLUG™
Insulation	Y
Sub Brand	HYPLUG
Terminal Type	Pin
Color Code	Brown
Pin Type	Solid
Plated	Y
Type	Aluminum Pin Adapters
UPC 12 Digit	781810737668
UPC 14 Digit GTIN	00781810737668
Material	ALUMINUM
Plating Type	Tin
Finish Type	Tin-Plated
UPC	781810737668

Logistics

Minimum Pack Quantity	1
Carton Quantity	10
Pallet Quantity	2960

Operational

Temperature Rating	194

Product Assets

Catalog [English]

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