



YS1CA1, Compression Splice, 1 AWG AL9CU

By Burndy
Catalog # YS1CA1

AL Splice, AL9CU, Internal Chamfer, Tin Plated, Prefilled
PENETROX™ A13 oxide inhibitor, End Cap, UL/CSA, 90°C, Up to
35kV, Color Code, Die Index.

Features

- Aluminum splices are dual rated to accommodate both copper and aluminum wire
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel

Application

Wire Splice

General

Catalog Number	YS1CA1
Color Code	Gold
Connector Type	DUAL RATED
Die Index	471
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	ALUMINUM
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLINK
Temperature Rating	194
Trade Name	HYLINK™
Type	YS-A, Standard Barrel
UPC	781810756508
UPC 12 Digit	7818107565088

Dimensions

Dimension - B Length fraction	7/8 in
Dimension - B Length inch	0.90 in
Dimension - L Length Overall mm	52 mm



Dimension - Length Overall inch	2.05 in
Dimension - Outside Diameter inch	0.54 in
Dimension - Strip Length inch	1-1/16 in
Length	2.05 in
Outside Diameter	0.54 in

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	1 AWG
Conductor - AL Str Size Range	1 AWG
Conductor - Copper Str	1
Compact Size	
Conductor - Copper Str Size	1/0 AWG
Conductor - Copper Str Size Range	1 AWG
Conductor - Material	ALUMINUM / COPPER
Conductor Size	1 AWG
Conductor Type	CODE
Wire Size	1/0 AWG

Certifications And Compliance

Buy American Compliant	Yes
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
Minimum Pack Quantity	1

Product Assets

3D Models - YS1CA1_MODEL-STEP

3D Models - YS1CA1_MODEL-IGES

3D Models - YS1CA1_MODEL-PDF

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 - SD..073942-01

Specifications - YS1CA1



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