

YS45A1, Compression Splice, 1250 kcmil AL, AL9CU

By Burndy
Catalog # YS45A1



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	YS45A1
Color Code	Brown
Connector Type	DUAL RATED
Die Index	302
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	ALUMINUM
Plated	Y
Plating Type	Tin - Electro Plated
Temperature Rating	194
Trade Name	HYLINK™
UPC	781810125106
UPC 12 Digit	7818101251066

Dimensions

Dimension - B Length fraction	2-13/16 in
Dimension - B Length inch	2.84 in
Dimension - L Length Overall mm	158 mm
Dimension - Length Overall inch	6.21 in
Dimension - Outside Diameter inch	1.84 in

Dimension - Strip Length inch	3-1/8 in
Length	6.21 in
Outside Diameter	1.84 in

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	1250 KCMIL
Conductor - AL Str Size Range	1250 kcmil
Conductor - Copper DLO Size Range	N/A
Conductor - Copper Str Size	1250 KCMIL
Conductor - Copper Str Size Range	1250 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	1250 KCMIL
Conductor Type	CODE
Wire Size	1250 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
Standards - RoHS Compliance Status	CM
UL Listed	Yes

Logistics

Carton Quantity	5
Minimum Pack Quantity	1
Pallet Quantity	1480

Product Assets

[3D Models - YS45A1_MODEL-PDF](#)
[3D Models - YS45A1_MODEL-IGES](#)

3D Models - YS45A1_MODEL-STEP
Catalogs - BURNDY Master Catalog - Section C - Compression
Connections
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog

Interactive Catalog - BURNDY Full-Line Digital Catalog
Sales Drawings - SD..073942-01
Specifications - YS45A1



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