



Compression Terminal

By Burndy
Catalog # [YA1CA1](#)

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



Application

Wire Termination

General

Catalog Number	YA1CA1
Color Code	Gold
Connector Type	DUAL RATED
Die Index	471
EU RoHS Indicator	Yes
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	ALUMINUM
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	YA-A, Dual Rated
UPC	781810751206
UPC 12 Digit	7818107512066

Dimensions

Dimension - B Length fraction	7/8 in
Dimension - B Length inch	0.91 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Dimension - Bolt Size inch	0.38
Dimension - D inch	1.19 in
Dimension - Hole Size fraction	3/8
Dimension - Hole Size inch	0.41
Dimension - Hole Size mm	10.4 mm
Dimension - L Length Overall mm	66 mm
Dimension - Length Overall inch	2.59 in
Dimension - N inch	0.44 in
Dimension - Outside Diameter inch	0.54 in
Dimension - Pad Width inch	0.76 in
Dimension - Strip Length inch	15/16
Dimension - Strip Length mm	24.1 mm

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

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	10
Minimum Pack Quantity	1

Product Assets

[3D Models - YA1CA1_MODEL-STEP](#)
[3D Models - YA1CA1_MODEL-PDF](#)
[3D Models - YA1CA1_MODEL-IGES](#)
[Catalogs - Full Line BURNDY Catalog](#)
[Catalogs - Section C - Compression Connections](#)
[Customer Notices - Prop 65 Notice](#)
[Installation Manuals - Aluminum Installation Instructions](#)
[Sales Drawings - SD073935-01](#)

Dimension - Stud Size fraction	3/8
Dimension - Stud Size inch	3/8
Dimension - Thread Size	3/8
Dimension - Z (inch)	0.75 in
Physical Attribute - Tongue Angle	Straight



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