



# YA27A1, 3/0 AWG, AL, 1 Hole, 3/8" Stud, AL9CU

By Burndy  
Catalog # [YA27A1](#)

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	YA27A1
Color Code	Ruby
Connector Type	DUAL RATED
Die Index	467
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
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	781810753750
UPC 12 Digit	7818107537500

## Dimensions

Dimension - B Length fraction	1-1/8 in
Dimension - B Length inch	1.11 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Dimension - Bolt Size inch	0.38
Dimension - D inch	1.18 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	73 mm
Dimension - Length Overall inch	2.88 in
Dimension - N inch	0.44 in
Dimension - Outside Diameter inch	0.76 in
Dimension - Pad Width inch	0.73 in

## Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

## Conductor Related

Conductor - AL Str Size	3/0 AWG
Conductor - AL Str Size Range	3/0 AWG
Conductor - Copper Str Size	3/0 AWG
Conductor - Copper Str Size Range	3/0 AWG
Conductor - Material	ALUMINUM / COPPER
Conductor Size	3/0 AWG
Conductor Type	CODE
Wire Size	3/0 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	5
Minimum Pack Quantity	1

## Product Assets

[3D Models - YA27A1\\_MODEL-STEP](#)  
[3D Models - YA27A1\\_MODEL-PDF](#)  
[3D Models - YA27A1\\_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 - Strip Length inch 1-1/2  
Dimension - Stud Size fraction 3/8  
Dimension - Stud Size inch 3/8  
Dimension - Thread Size 3/8  
Dimension - Z (inch) 0.74 in  
Physical Attribute - Tongue Angle Straight



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