



YA31A1, 350 kcmil, AL, 1 Hole, 1/2" Stud, AL9CU

By Burndy
Catalog # [YA31A1](#)



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

Application

Wire Termination

General

Color Code	Brown
Connector Type	DUAL RATED
Die Index	299
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	781810755556
UPC 12 Digit	7818107555566

Dimensions

Dimension - B Length fraction	1-7/8 in
Dimension - B Length inch	1.85 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5
Dimension - D inch	1.37 in
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - L Length Overall mm	110 mm
Dimension - Length Overall inch	4.33 in
Dimension - N inch	0.63 in
Dimension - Outside Diameter inch	1.11 in
Dimension - Pad Width inch	1.52 in
Dimension - Strip Length inch	2 1/8
Dimension - Strip Length mm	56 mm

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	350 KCMIL
Conductor - AL Str Size Range	350 kcmil
Conductor - Copper Str Size	300 KCMIL
Conductor - Copper Str Size Range	350 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	350 KCMIL
Conductor Type	CODE
Wire Size	350 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	6
Minimum Pack Quantity	1

Product Assets

[3D Models - YA31A1_MODEL-PDF](#)
[3D Models - YA31A1_MODEL-STEP](#)
[3D Models - YA31A1_MODEL-IGES](#)
[Catalogs - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Installation Manuals - Aluminum Installation Instructions](#)
[Sales Drawings - SD073935-01](#)

Dimension - Stud Size fraction 1/2
Dimension - Stud Size inch 1/2
Dimension - Thread Size 1/2
Dimension - Z inch 0.74 in
Physical Attribute - Tongue Straight
Angle



A proud member of the Hubbell Family.

©2023 Hubbell Incorporated. All rights reserved.
BRDY-YA31A1-SPEC-EN | REV 6/2023