

## YA3CN, Compression Terminal, 3 AWG Cu, 1-Hole, 1/2" Stud, Long Barrel

By Burndy  
Catalog # YA3CN



3 AWG CU, One Hole, 1/2 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, WHITE Color Code, 9 Die Index.

### Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Long barrel length allows for an increased number of crimps increasing the mechanical strength of the connection
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color

### Application

Wire Termination

### General

Catalog Number	YA3CN
Color Code	White
Connector Type	LONG BARREL
Die Index	9
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Electro Tin Plated
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810019634
UPC 12 Digit	7818100196344

### Dimensions

Dimension - B Length inch	1.25 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2

Dimension - Bolt Size inch	0.5
Dimension - D inch	1.27 in
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - L Length Overall mm	73 mm
Dimension - Length Overall inch	2.86 in
Dimension - N inch	0.63 in
Dimension - Outside Diameter inch	0.38 in
Dimension - Pad Width inch	0.83 in
Dimension - Strip Length inch	1-5/16
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	1/2
Dimension - Z (inch)	0.64 in
Physical Attribute - Tongue Angle	Straight

### Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

### Conductor Related

Conductor - Copper Solid Size	2 AWG
Conductor - Copper Solid Size Range	2 AWG
Conductor - Copper Str Navy Size	50 (19) Navy
Conductor - Copper Str Navy Size Range	50 (19) Navy
Conductor - Copper Str Size	3 AWG
Conductor - Copper Str Size Range	3 AWG
Conductor - Material	COPPER
Conductor Size	3 AWG
Conductor Type	CODE

### Certifications And Compliance

Buy American Compliant	Yes
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Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

### Logistics

Carton Quantity	25
Minimum Pack Quantity	1

### Product Assets

- [3D Models - YA3CN\\_MODEL-STEP](#)
- [3D Models - YA3CN\\_MODEL-IGES](#)
- [3D Models - YA3CN\\_MODEL-PDF](#)
- [Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - SD..079849-02](#)
- [Specifications - YA3CN](#)
- [Video - HYDENT Compression Terminal Overview Video](#)



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