



YA272N, 3/0 AWG, CU, 2 Hole, 1/2 Stud, 1-3/4 IN Spacing, Long Barrel

By Burndy
Catalog # [YA272N](#)



3/0 AWG CU, Two Hole, 1/2 Stud Size, 1-3/4 Hole Spacing, Long Barrel Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, Orange Color Code, 14 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 coding
- 2-Hole design prevents rotation

Application

Wire Termination

General

Catalog Number	YA272N
Color Code	Orange
Connector Type	LONG BARREL
Die Index	14
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	2
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810503249
UPC 14 Digit GTIN	00781810503249

Dimensions

Dimension - B Length fraction	1-1/2 in
Dimension - B Length inch	1.50 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2

Dimension - Bolt Size inch	0.5
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - L Length Overall mm	127 mm
Dimension - Length Overall inch	5.01 in
Dimension - N inch	0.63 in
Dimension - Outside Diameter inch	0.62 in
Dimension - Pad Width inch	0.91 in
Dimension - Strip Length inch	1-9/16
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	1/2
Dimension - Thread Size	1/2
Dimension - Z (inch)	0.64 in
Physical Attribute - Tongue Angle	Straight
Thickness - Pad	0.13 in

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper Str Navy Size	150 (61) Navy
Conductor - Copper Str Size	3/0 AWG
Conductor - Copper Str Size Range	3/0 AWG
Conductor - Material	COPPER
Conductor Size	3/0 AWG
Conductor Type	CODE

Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
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 - YA272N_MODEL-STEP
- 3D Models - YA272N_MODEL-IGES

- 3D Models - YA272N_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
- Installation Manuals - Medium & Large HYDENT Copper & Aluminum Terminal Crimp Instructions with 750 Series 12-Ton Tool
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Sales Drawings - SD..031189-02
- Specifications - YA272N
- Video - HYDENT Compression Terminal Overview Video



A Hubbell brand