

# YA27LBOX, 3/0 AWG, CU, 1 Hole, 1/2 Stud, Standard Barrel, Inspection Window



By Burndy  
Catalog # [YA27LBOX](#)

3/0 AWG CU, One Hole, 1/2 Stud Size, Standard Barrel,  
Inspection Window, Internal Chamfer, Tin Plated, UL/CSA 90°  
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
- Standard barrel length is recommended for installations with limited space availability
- 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

## Application

Wire Termination

## General

Catalog Number	YA27LBOX
Color Code	Orange
Connector Type	STANDARD BARREL
Die Index	14
EU RoHS Indicator	Yes
Feature - Barrel Style	<ul style="list-style-type: none"> <li>• Chamfered</li> <li>• Skived</li> </ul>
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Trade Name	HYLUG™
Type	Standard Barrel, Tin Plated
UPC	781810553800
UPC 12 Digit	7818105538000

## Dimensions

Dimension - B Length fraction	1 in
Dimension - B Length inch	1.00 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	0.53
Dimension - Hole Size mm	13.5 mm
Dimension - L Length Overall mm	65 mm
Dimension - Length Overall inch	2.54 in
Dimension - N inch	0.53 in
Dimension - Outside Diameter inch	0.62 in
Dimension - Pad Width inch	0.91 in
Dimension - Strip Length inch	1-1/16
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	1/2
Dimension - Thread Size	1/2
Dimension - Z (inch)	0.55 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 American Compliant	Yes
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	10
Minimum Pack Quantity	1

### Product Assets

- [3D Models - YA27LBOX\\_MODEL-IGES](#)
- [3D Models - YA27LBOX\\_MODEL-STEP](#)
- [3D Models - YA27LBOX\\_MODEL-PDF](#)
- [Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - sd079848-10](#)
- [Specifications - YA27LBOX](#)
- [Video - HYDENT Compression Terminal Overview Video](#)



A Hubbell brand