

YA27LNT14, Compression Terminal, 3/0 AWG Cu, 1-Hole, 1/4" Stud, Narrow Tongue

By Burndy
Catalog # [YA27LNT14](#)



3/0 AWG CU, One Hole, 1/4 Standard Barrel, Inspection Window, Narrow Tongue 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
- 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	YA27LNT14
Color Code	Orange
Connector Type	STANDARD BARREL
Die Index	14
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Plated	Y
Plating Type	Tin - Electro Plated
Trade Name	HYLUG™
UPC	781810076606

Dimensions

Dimension - B Length fraction	1 in
Dimension - B Length inch	1.00 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	1/4
Dimension - Bolt Size inch	0.25
Dimension - D inch	0.67 in
Dimension - Hole Size fraction	1/4
Dimension - Hole Size inch	0.27
Dimension - Hole Size mm	6.9 mm

Dimension - L Length Overall mm	53 mm
Dimension - Length Overall inch	2.10 in
Dimension - N inch	0.31 in
Dimension - Outside Diameter inch	0.62 in
Dimension - Pad Width inch	0.76 in
Dimension - Strip Length inch	1-1/16
Dimension - Stud Size fraction	1/4
Dimension - Stud Size inch	1/4
Dimension - Z (inch)	0.36 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper DLO Size Range	N/A
Conductor - Copper Str Navy Size	150 (61) Navy
Conductor - Copper Str Navy Size Range	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

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 10

Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)

[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)

[Customer Notices - Prop 65 Notice](#)

[Installation Manuals - Copper Code Standard Terminals Tooling and Installation Instructions](#)

[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)

[Sales Drawings - 30003952](#)

[Specifications - YA27LNT14](#)

[Video - HYDENT Compression Terminal Overview Video](#)



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