



YA27LNT516, Compression Terminal, 3/0 AWG Cu, 1-Hole, 5/16" Stud, Narrow Tongue

By Burndy
Catalog # [YA27LNT516](#)

3/0 AWG CU, One Hole, 5/16 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	YA27LNT516
Color Code	Orange
Connector Type	STANDARD BARREL
Die Index	14
Feature - Barrel Style	• Chamfered • Skived
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	781810498170



Dimensions

Dimension - B Length fraction	1 in
Dimension - B Length inch	1.00 in
Dimension - Bolt Hole Size inch	0.33 in
Dimension - Bolt Size fraction	5/16
Dimension - Bolt Size inch	0.3125
Dimension - D inch	0.77 in
Dimension - Hole Size fraction	5/16
Dimension - Hole Size inch	0.38
Dimension - Hole Size mm	10 mm
Dimension - L Length Overall mm	55 mm
Dimension - Length Overall inch	2.17 in
Dimension - N inch	0.34 in
Dimension - Outside Diameter inch	0.62 in
Dimension - Pad Width inch	0.60 in
Dimension - Strip Length inch	1-1/16
Dimension - Stud Size fraction	5/16
Dimension - Stud Size inch	5/16
Dimension - Z (inch)	0.43 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 Solid Size	3/0 AWG
Conductor - Copper Solid Size Range	3/0 AWG
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	CM
Status	
UL Listed	Yes

Logistics

Carton Quantity	10
Minimum Pack Quantity	1

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
- Video - HYDENT Compression Terminal Overview Video



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