



## YA27L4TCG1, Compression Terminal

By Burndy  
Catalog # YA27L4TCG1



COPPER COMPRESSION TERMINAL.

### 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	YA27L4TCG1
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	4
Plated	Y
Plating Type	Tin - Electro Plated
Trade Name	HYLUG™
Type	Standard Barrel, Tin Plated
UPC	781810125830
UPC 12 Digit	7818101258300

### Dimensions

Dimension - B Length fraction	1.00 in
Dimension - B Length inch	1.00 in
Dimension - Bolt Hole Size inch	0.27 in
Dimension - Bolt Size fraction	1/4
Dimension - Bolt Size inch	0.25
Dimension - F Width Center to Center inch	0.75 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	83 mm
Dimension - Length Overall inch	3.25 in
Dimension - N inch	0.31 in
Dimension - Outside Diameter inch	0.62 in
Dimension - Pad Width inch	1.38 in
Dimension - Strip Length inch	1-1/16
Dimension - Stud Size fraction	1/4
Dimension - Stud Size inch	1/4
Dimension - Thread Size	1/4 in
Dimension - Z (inch)	0.20 in
Physical Attribute - Tongue Angle	Straight
Thickness - Pad	0.21 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

Certification - CSA Approved	No
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL467
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Carton Quantity	20
Minimum Pack Quantity	1
Pallet Quantity	11520

## Product Assets

[3D Models - YA27L4TCG1\\_MODEL-IGES](#)  
[3D Models - YA27L4TCG1\\_MODEL-STEP](#)  
[3D Models - YA27L4TCG1\\_MODEL-PDF](#)  
[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)  
[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)  
[Customer Notices - Prop 65 Notice](#)  
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)  
[Sales Drawings - SE211066-01](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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