

# YA27L290, Compression Terminal, 3/0 Str, 1-Hole, 1/4" Stud, Standard Barrel, 90 Degree

By Burndy Catalog # YA27L290

Copper Compression Terminal for 3/0 Stranded; Standard Length Barrel; 1/4" Stud; 90 Degree.

#### **Features**

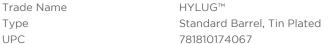
- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Standard barrel length is recommended for installations with limited space availability
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding

## **Application**

Wire Termination

#### General

Catalog Number	YA27L290
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	1
Holes	
Plated	Υ
Plating Type	Tin - Electro Plated



HYLUG™



#### Dimensions

Dimension - B Length fraction	1 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 - D inch	0.58 in
Dimension - Hole Size fraction	1/4
Dimension - Hole Size inch	0.27
Dimension - Hole Size mm	6.9 mm
Dimension - L Length Overall	25 mm
mm	
Dimension - Length Overall	0.99 in
inch	
Dimension - N inch	0.25 in
Dimension - Outside Diameter	0.62 in
inch	
Dimension - Pad Width inch	0.91 in
Dimension - Strip Length inch	1-1/16
Dimension - Stud Size fraction	1/4
Dimension - Stud Size inch	1/4
Dimension - Z (inch)	0.33 in
Physical Attribute - Tongue	90 Degree
Angle	

## **Electrical Ratings**

Voltage - Maximum	35000
Voltage Rating	35 kV

## **Conductor Related**

Conductor - Copper DLO Size	N/A
Range	
Conductor - Copper Str Navy	150 (61) Nav
Size	
Conductor - Copper Str Navy	150 (61) Nav
Size Range	
Conductor - Copper Str Size	3/0 AWG
Conductor - Copper Str Size	3/0 AWG
Range	
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 - Industry Standards UL467

Met

Standards - RoHS Compliance CM

Status

UL Listed Yes

#### Logistics

Minimum Pack Quantity 25

## **Product Assets**

Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog Interactive Catalog - BURNDY Full-Line Digital Catalog Sales Drawings - SE...209240

Video - HYDENT Compression Terminal Overview Video



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