



## YA37N90, Compression Terminal, 650 kcmil Cu, 1-Hole, 1/2" Stud, Long Barrel, 90 Degree

By Burndy  
Catalog # YA37N90

650 kcmil copper; 1/2" stud; 1-hole; Long barrel; Color Code Orange; Index: 23; 90 angle.



### Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Long barrel length allows for an increased number of crimps increasing the mechanical strength of the connection
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color

### Application

Wire Termination

### General

Catalog Number	YA37N90
Color Code	Orange
Connector Type	LONG BARREL
Die Index	23
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Plated	Y
Plating Type	Tin
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810315569
UPC 12 Digit	7818103155699

### Dimensions

Dimension - B Length fraction	2-13/16 in
Dimension - B Length inch	2.81 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5
Dimension - Height inch	4.20 in
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - L Length Overall mm	53 mm
Dimension - Length Overall inch	2.08 in
Dimension - N inch	0.63 in
Dimension - Outside Diameter inch	1.25 in
Dimension - Pad Width inch	1.80 in
Dimension - Strip Length inch	2-7/8
Dimension - Stud Size fraction	1/2
Dimension - Z (inch)	0.64 in
Physical Attribute - Tongue Angle	90 Degree

### Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

### Conductor Related

Conductor - Copper Str Size	650 KCMIL
Conductor - Copper Str Size Range	650 kcmil
Conductor - Material	COPPER
Conductor Size	650 KCMIL
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

Minimum Pack Quantity 1

## Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)  
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)  
[Sales Drawings - se209241-23](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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