



## YAV27TC12FXB, Compression Terminal, 3/0 Flex G,H,I,K,M, DLO, 3/0 AWG, Cu, 1-Hole, 1/2" Stud, Long Barrel

By Burndy  
Catalog # [YAV27TC12FXB](#)

3/0 Flex G,H,I,K,M,DLO, 3/0 AWG, CU, 1 Hole, 1/2 Stud, Long Barrel, Bell End



### Features

- Barrel is designed with a "belled" end opening at the wire entry to ensure smooth insertion of highly flexible stranded wire, preventing possible damaging of the wire strands during insertion
- 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
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

### Application

Wire Termination

### Specifications

Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Yes
Certification - UL Recognized	No
Industry Standard(s)	UL 486A-486B
Buy America(n) Qualified	Contact Manufacturer
Certification - ETL	No
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
Certification - CSA Approved	Yes
UL Listed	Yes

### Conductor

Conductor - Material	COPPER
Wire Size	3/0 AWG
Conductor - Copper Str Size	"3/0 AWG"
Conductor - Copper Flex I Size Range	3/0 AWG
Conductor - Copper Flex K Size	"3/0 AWG"
Conductor - Copper Flex K Size Range	3/0 AWG
Conductor - Copper Flex M Size	"3/0 AWG"
Conductor - Copper Str Compact Size	"3/0 AWG"
Conductor - Copper DLO Size	3/0 AWG

Conductor - Copper DLO Size Range	3/0 AWG
Conductor - Copper Flex G Size	"3/0 AWG"
Conductor - Copper Str Navy Size	150
Conductor - Copper Flex G Size Range	3/0 AWG
Conductor - Copper Flex H Size	"3/0 AWG"
Conductor Size	3/0 AWG
Conductor - Copper Str Size Range	3/0 AWG
Conductor - Copper Flex H Size Range	3/0 AWG
Conductor Type	CODE/FLEX
Conductor - Copper Flex I Size	"3/0 AWG"

### Configuration

Physical Attribute - Number of Holes	1
Connector Type	LONG BARREL

### Current

Voltage - Maximum	35000
Voltage Rating	35 kV

### Dimensions

Dimension - Outside Diameter inch	0.70 in
Dimension - L Length Overall mm	87 mm
Dimension - P inch	2.10 in
Dimension - Pad Width inch	1.04 in
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - Strip Length inch	1-13/16
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	1/2
Dimension - B Length fraction	1-5/8 in
Dimension - B Length inch	1.64 in
Dimension - Z inch	0.64 in
Physical Attribute - Tongue Angle	Straight
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2

Dimension - Bolt Size inch 0.5  
Dimension - Length Overall inch 3.44 in  
Dimension - N inch 0.62 in

### General

Die Index 14  
Trade Name HYLUG™  
Sub Brand HYLUG  
Color Code Orange  
Physical Attribute - Tongue Type Standard  
Plated Y  
Feature - Barrel Type Long  
Feature - Barrel Style Belled  
Type Long Barrel, Tin Plated

UPC 12 Digit 781810080825  
UPC 14 Digit GTIN 00781810080825  
Material COPPER  
Plating Type Tin - Electro Plated  
Finish Type Tin-Plated  
UPC 781810080825

### Logistics

Minimum Pack Quantity 1  
Carton Quantity 25

### Product Assets

[Catalog \[English\]](#)  
[Installation Manual \[English\]](#)  
[Installation Manual \[French, English\]](#)



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