

YA40TC58FXB, Compression Terminal, 650 kcmil G, 646 DLO, Cu,1-Hole, 5/8" Stud, Long Barrel



By Burndy
Catalog # [YA40TC58FXB](#)

650 kcmil G, 646 DLO CU, One Hole, 5/8 Stud Size, Long Barrel, Bell End, Tin Plated, UL/CSA, 90°C, Up to 35kV, Black Color Code, 24 Die Index.

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	YA40TC58FXB
Color Code	Black
Connector Type	LONG BARREL
Die Index	24
Feature - Barrel Style	Belled
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810053928
UPC 14 Digit GTIN	00781810053928

Dimensions

Dimension - B Length fraction	3-1/4 in
Dimension - B Length inch	3.24 in
Dimension - Bolt Hole Size inch	0.66 in
Dimension - Bolt Size fraction	5/8
Dimension - Bolt Size inch	0.63
Dimension - Hole Size fraction	5/8

Dimension - Hole Size inch	0.69
Dimension - Hole Size mm	17.5 mm
Dimension - L Length Overall mm	140 mm
Dimension - Length Overall inch	5.53 in
Dimension - N inch	0.66 in
Dimension - Outside Diameter inch	1.38 in
Dimension - Pad Width inch	1.98 in
Dimension - Strip Length inch	3-5/16
Dimension - Stud Size fraction	5/8
Dimension - Stud Size inch	5/8
Dimension - Thread Size	5/8 in
Dimension - Z (inch)	0.67 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper DLO Size	646 KCMIL
Conductor - Copper DLO Size Range	646 kcmil
Conductor - Copper Flex G Size	650 KCMIL
Conductor - Copper Flex G Size Range	650 kcmil
Conductor - Copper Str Size	650 KCMIL
Conductor - Copper Str Size Range	650 kcmil
Conductor - Material	COPPER
Conductor Size	650 KCMIL
Conductor Type	FLEX
Wire Size	650 KCMIL

Certifications And Compliance

Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No

Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

Logistics

Carton Quantity	6
Minimum Pack Quantity	6
Pallet Quantity	2088

Product Assets

[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Installation Manuals - Copper Flex Long Terminals Tooling and Installation Instructions](#)
[Installation Manuals - Medium & Large HYDENT Copper & Aluminum Terminal Crimp Instructions with 750 Series 12-Ton Tool](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - SE208075](#)
[Specifications - YA40TC58FXB](#)
[Video - HYDENT Compression Terminal Overview Video](#)



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