



YA40LTC58FX45, Compression Terminal650 kcmil G, 646 DLO, Cu, 1-Hole, 5/8" Stud, Standard Barrel, 45 Degree

By Burndy
Catalog # [YA40LTC58FX45](#)

650 kcmil G, 646 DLO CU, One Hole, 5/8 Stud Size, Standard Barrel, Inspection Window Internal Chamfer, 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
- 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	YA40LTC58FX45
Color Code	Black
Connector Type	STANDARD BARREL
Die Index	24
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Plated	Y
Plating Type	Tin
Trade Name	HYLUG™
Type	Standard Barrel, Tin Plated
UPC	781810316528
UPC 14 Digit GTIN	00781810316528

Dimensions

Dimension - B Length fraction	1-7/16 in
Dimension - B Length inch	1.42 in
Dimension - Bolt Hole Size inch	0.66 in
Dimension - Bolt Size fraction	5/8
Dimension - Bolt Size inch	0.63
Dimension - Height inch	2.71 in



Dimension - Hole Size fraction	5/8
Dimension - Hole Size inch	0.69
Dimension - Hole Size mm	17.5 mm
Dimension - L Length Overall mm	94 mm
Dimension - Length Overall inch	3.69 in
Dimension - N inch	0.66 in
Dimension - Outside Diameter inch	1.35 in
Dimension - Pad Width inch	1.98 in
Dimension - Strip Length inch	1-5/16
Dimension - Stud Size fraction	5/8
Dimension - Z (inch)	0.67 in
Physical Attribute - Tongue Angle	45 Degree

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 Flex H Size	650
Conductor - Copper Flex I Size	650
Conductor - Copper Flex K Size	650
Conductor - Copper Flex M Size	650
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

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

Logistics

Minimum Pack Quantity 1

Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - SE..208001-02](#)
[Specifications - YA40LTC58FX45](#)
[Video - HYDENT Compression Terminal Overview Video](#)

