

YA8CL245, Compression Terminal, #8 AWG, 23 Navy, 1-Hole, 5/16" Stud, Standard Barrel, 45 Degree



By Burndy
Catalog # [YA8CL245](#)

Copper HYLUG™, Single Hole W/ Insp Window, #8 AWG, 23 Navy, 600 V-35 kV, 5/16" Stud, Red, 49 Index, Electro-Tin plated, 45 Degree Bend.

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	YA8CL245
Color Code	Red
Connector Type	STANDARD BARREL
Die Index	49
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
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	Standard Barrel, Tin Plated
UPC	781810019214

Dimensions

Dimension - B Length fraction	7/16 in
Dimension - B Length inch	0.44 in
Dimension - Bolt Hole Size inch	0.33 in
Dimension - Bolt Size fraction	5/16
Dimension - Bolt Size inch	0.3125
Dimension - D inch	0.70 in

Dimension - Hole Size fraction	5/16
Dimension - Hole Size inch	0.38
Dimension - Hole Size mm	10 mm
Dimension - L Length Overall mm	34 mm
Dimension - Length Overall inch	1.34 in
Dimension - N inch	0.34 in
Dimension - Outside Diameter inch	0.27 in
Dimension - Pad Width inch	0.52 in
Dimension - Strip Length inch	7/16
Dimension - Stud Size fraction	5/16
Dimension - Stud Size inch	5/16
Dimension - Z (inch)	0.36 in
Physical Attribute - Tongue Angle	45 Degree

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper DLO Size	8 AWG
Conductor - Copper DLO Size Range	N/A
Conductor - Copper Flex G Size	"8 AWG"
Conductor - Copper Flex H Size	"8 AWG"
Conductor - Copper Flex I Size	"8 AWG"
Conductor - Copper Flex K Size	"8 AWG"
Conductor - Copper Flex M Size	"8 AWG"
Conductor - Copper Solid Size	6 Sol-8 Sol
Conductor - Copper Solid Size Range	8-6 Sol
Conductor - Copper Str Compact Size	"8 AWG"
Conductor - Copper Str Navy Size	23
Conductor - Copper Str Navy Size Range	23 (7) Navy

Conductor - Copper Str Size "8 AWG"
Conductor - Copper Str Size 8 AWG
Range
Conductor - Material COPPER
Conductor Size 8 AWG
Conductor Type CODE/FLEX
Wire Size 8 AWG

Standards - RoHS Compliance CM
Status
UL Listed Yes

Logistics

Carton Quantity 50
Minimum Pack Quantity 50

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

Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - se209240_2](#)
[Specifications - YA8CL245](#)
[Video - HYDENT Compression Terminal Overview Video](#)



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