



YA8CL145, Compression Terminal, #8 AWG, 23 Navy, 1-Hole, 1/4" Stud, Standard Barrel, 45 Degree

By Burndy
Catalog # [YA8CL145](#)



Copper HYLUG™, Single Hole W/ Insp Window, #8 AWG, 23 Navy, 600 V-35 kV, 1/4" 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	YA8CL145
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	781810019191
UPC 14 Digit GTIN	00781810019191

Dimensions

Dimension - B Length fraction	7/16 in
Dimension - B Length inch	0.44 in
Dimension - Bolt Hole Size inch	0.27 in
Dimension - Bolt Size fraction	1/4
Dimension - Bolt Size inch	0.25

Dimension - D inch	0.58 in
Dimension - Hole Size fraction	1/4
Dimension - Hole Size inch	0.27
Dimension - Hole Size mm	6.9 mm
Dimension - L Length Overall mm	31 mm
Dimension - Length Overall inch	1.24 in
Dimension - N inch	0.25 in
Dimension - Outside Diameter inch	0.27 in
Dimension - Pad Width inch	0.44 in
Dimension - Strip Length inch	7/16
Dimension - Stud Size fraction	1/4
Dimension - Stud Size inch	1/4
Dimension - Z (inch)	0.33 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	Certification - UL Recognized	No
Conductor - Copper Str Size	"8 AWG"	Certification - cULus	No
Conductor - Copper Str Size Range	8 AWG	Industry Standard(s)	UL 486A-486B
Conductor - Material	COPPER	Standards - Industry Standards Met	UL467
Conductor Size	8 AWG	Standards - RoHS Compliance	CM
Conductor Type	CODE/FLEX	Status	
Wire Size	8 AWG	UL Listed	Yes

Certifications And Compliance

Buy America(n) Qualified	- Buy America Compliant (All status valid till December 2025) - Buy American Act Compliant (All status valid till December 2025) - BABA Compliant (All status valid till December 2025)
Certification - CSA Approved	Yes
Certification - ETL	No

Logistics

Carton Quantity	50
Minimum Pack Quantity	50

Product Assets

- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - se209240-01](#)
- [Specifications - YA8CL145](#)
- [Video - HYDENT Compression Terminal Overview Video](#)