

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 |

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 |

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 - se209240-01](#)
[Specifications - YA8CL145](#)
[Video - HYDENT Compression Terminal Overview Video](#)



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