



YA8CL90, Cu Compression, 1-Hole, 8-10 Stud, Standard Barrel, 90 Degree, 8 AWG Str, 6 AWG Sol

By Burndy
Catalog # YA8CL90



Cu Comp Terminal Code Cond, Bvl Entry, 1 Hole W/InspWindow, #8 AWG Str, #6 AWG Sol Code, 23 Navy, 600 V-35 kV, 8-10 Stud, 90 Deg Bend, Standard Barrel, Red, 49 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 | YA8CL90 |
| Color Code | Red |
| Connector Type | STANDARD BARREL |
| Die Index | 49 |
| EU RoHS Indicator | Yes |
| 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 |
| Sub Brand | TERMINALS, HYLUG |
| Trade Name | HYLUG™ |
| Type | Standard Barrel, Tin Plated |
| UPC | 781810019184 |

Dimensions

| | |
|-----------------------------------|-----------|
| Dimension - B Length fraction | 7/16 in |
| Dimension - B Length inch | 0.44 in |
| Dimension - Bolt Hole Size inch | 0.20 in |
| Dimension - Bolt Size fraction | #8-#10 |
| Dimension - Bolt Size inch | 0.21 |
| Dimension - D inch | 0.49 in |
| Dimension - Hole Size fraction | #10 |
| Dimension - Hole Size inch | 0.21 |
| Dimension - Hole Size mm | 5.3 mm |
| Dimension - L Length Overall mm | 18 mm |
| Dimension - Length Overall inch | 0.71 in |
| Dimension - N inch | 0.22 in |
| Dimension - Outside Diameter inch | 0.27 in |
| Dimension - Pad Width inch | 0.41 in |
| Dimension - Strip Length inch | 7/16 |
| Dimension - Stud Size fraction | #10 |
| Dimension - Stud Size inch | #8;#10 |
| Dimension - Z (inch) | 0.27 in |
| Physical Attribute - Tongue Angle | 90 Degree |

Electrical Ratings

| | |
|-------------------|-------|
| Voltage - Maximum | 35000 |
| Voltage Rating | 35 kV |

Conductor Related

| | |
|--------------------------------|-------------|
| Conductor - Copper DLO Size | 8 AWG |
| Conductor - Copper DLO Size | N/A |
| Range | |
| 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 | "8 AWG" |
| Size | |
| Conductor - Copper Solid Size | 6 Sol-8 Sol |
| Conductor - Copper Solid Size | 8-6 Sol |
| Range | |
| Conductor - Copper Str | "8 AWG" |
| Compact Size | |
| Conductor - Copper Str Navy | 23 |
| Size | |
| Conductor - Copper Str Navy | 23 (7) Navy |
| Size Range | |
| 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 |

Certifications And Compliance

| | |
|--------------------------------|--------------|
| Buy American Compliant | Yes |
| 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 | |
| Standards - RoHS Compliance | CM |
| Status | |
| UL Listed | Yes |

Logistics

| | |
|-----------------------|----|
| Carton Quantity | 50 |
| Minimum Pack Quantity | 50 |

Product Assets

- [3D Models - YA8CL90_MODEL-IGES](#)
- [3D Models - YA8CL90_MODEL-PDF](#)
- [3D Models - YA8CL90_MODEL-STEP](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - se209240-01](#)
- [Video - HYDENT Compression Terminal Overview Video](#)



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