



## YA28, 4/0 AWG, CU, 1 Hole, 1/2 Stud, Long Barrel

By Burndy  
Catalog # [YA28](#)

4/0 AWG CU, One Hole, 1/2 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, PURPLE Color Code, 15 Die Index.

### Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Long barrel length allows for an increased number of crimps increasing the mechanical strength of the connection
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color

### Application

Wire Termination

### General

|                                      |                         |
|--------------------------------------|-------------------------|
| Catalog Number                       | YA28                    |
| Color Code                           | Purple                  |
| Connector Type                       | LONG BARREL             |
| Die Index                            | 15                      |
| EU RoHS Indicator                    | Yes                     |
| Feature - Barrel Style               | Chamfered               |
| Feature - Barrel Type                | Long                    |
| 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                            | HYLUG                   |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810503409            |
| UPC 14 Digit GTIN                    | 00781810503409          |

### Dimensions

|                                 |          |
|---------------------------------|----------|
| Dimension - B Length fraction   | 1-5/8 in |
| Dimension - B Length inch       | 1.62 in  |
| Dimension - Bolt Hole Size inch | 0.52 in  |
| Dimension - Bolt Size fraction  | 1/2      |
| Dimension - Bolt Size inch      | 0.5      |
| Dimension - Hole Size fraction  | 1/2      |



|                                   |          |
|-----------------------------------|----------|
| Dimension - Hole Size inch        | 0.53     |
| Dimension - Hole Size mm          | 13.5 mm  |
| Dimension - L Length Overall mm   | 82 mm    |
| Dimension - Length Overall inch   | 3.23 in  |
| Dimension - N inch                | 0.53 in  |
| Dimension - Outside Diameter inch | 0.62 in  |
| Dimension - Pad Width inch        | 1.02 in  |
| Dimension - Strip Length inch     | 1-9/16   |
| Dimension - Stud Size fraction    | 1/2      |
| Dimension - Stud Size inch        | 1/2      |
| Dimension - Thread Size           | 1/2      |
| Dimension - Z (inch)              | 0.55 in  |
| Physical Attribute - Tongue Angle | Straight |
| Thickness - Pad                   | 0.14 in  |

### Electrical Ratings

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

### Conductor Related

|                                   |               |
|-----------------------------------|---------------|
| Conductor - Copper Str Navy Size  | 200 (61) Navy |
| Conductor - Copper Str Size       | 4/0 AWG       |
| Conductor - Copper Str Size Range | 4/0 AWG       |
| Conductor - Material              | COPPER        |
| Conductor Size                    | 4/0 AWG       |
| Conductor Type                    | CODE          |

### Certifications And Compliance

|                                    |                                                     |
|------------------------------------|-----------------------------------------------------|
| Buy America(n) Qualified           | TAA Compliant (All status valid till December 2025) |
| Certification - ETL                | No                                                  |
| Certification - UL Recognized      | No                                                  |
| Certification - cULus              | No                                                  |
| Industry Standard(s)               | UL 486A-486B                                        |
| Standards - Industry Standards Met | UL 486A-486B                                        |

|                                    |     |
|------------------------------------|-----|
| Standards - RoHS Compliance Status | CM  |
| UL Listed                          | Yes |

Logistics

|                       |    |
|-----------------------|----|
| Carton Quantity       | 10 |
| Minimum Pack Quantity | 1  |

Product Assets

- 3D Models - YA28\_MODEL-IGES
- 3D Models - YA28\_MODEL-PDF
- 3D Models - YA28\_MODEL-STEP

- Catalogs - BURNDY Master Catalog - Section C - Compression Connections
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- Customer Notices - Prop 65 Notice
- Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions
- Installation Manuals - Medium & Large HYDENT Copper & Aluminum Terminal Crimp Instructions with 750 Series 12-Ton Tool
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Sales Drawings - SD..079849-04
- Specifications - YA28
- Video - HYDENT Compression Terminal Overview Video

