

YA272N, 3/0 AWG, CU, 2 Hole, 1/2 Stud, 1-3/4 IN Spacing, Long Barrel

By Burndy
Catalog # YA272N



3/0 AWG CU, Two Hole, 1/2 Stud Size, 1-3/4 Hole Spacing, Long Barrel Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, Orange Color Code, 14 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 coding
- 2-Hole design prevents rotation

Application

Wire Termination

General

| | |
|--------------------------------------|-------------------------|
| Catalog Number | YA272N |
| Color Code | Orange |
| Die Index | 14 |
| EU RoHS Indicator | Yes |
| Feature - Barrel Style | Chamfered |
| Feature - Barrel Type | Long |
| Finish Type | Tin-Plated |
| Material | COPPER |
| Physical Attribute - Number of Holes | 2 |
| Physical Attribute - Tongue Type | Standard |
| Sub Brand | HYLUG |
| Trade Name | HYLUG™ |
| Type | Long Barrel, Tin Plated |
| UPC | 781810503249 |
| UPC 14 Digit GTIN | 00781810503249 |

Dimensions

| | |
|---------------------------------|----------|
| Dimension - B Length fraction | 1-1/2 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 | 0.56 |
| Dimension - Hole Size mm | 14 mm |

| | |
|-----------------------------------|----------|
| Dimension - N inch | 0.63 in |
| Dimension - Outside Diameter inch | 0.62 in |
| Dimension - Pad Width inch | 0.91 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) | 0.64 in |
| Physical Attribute - Tongue Angle | Straight |
| Thickness - Pad | 0.13 in |

Electrical Ratings

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

Conductor Related

| | |
|-----------------------------------|---------------|
| Conductor - Copper Str Navy Size | 150 (61) Navy |
| Conductor - Copper Str Size Range | 3/0 AWG |
| Conductor - Material | COPPER |
| Conductor Type | CODE |

Certifications And Compliance

| | |
|------------------------------------|---|
| Buy America(n) Qualified | TAA Compliant (All status valid till December 2025) |
| 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 - YA272N_MODEL-STEP](#)

[3D Models - YA272N_MODEL-IGES](#)

[3D Models - YA272N_MODEL-PDF](#)

[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)

[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..031189-02](#)

[Specifications - YA272N](#)

[Video - HYDENT Compression Terminal Overview Video](#)



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