

## TYPES YAZ-2N, YAZ-2TC

### HYLUG™

Uninsulated Copper Compression Terminal  
UL Listed 90° C, Up to 35 kV ♦

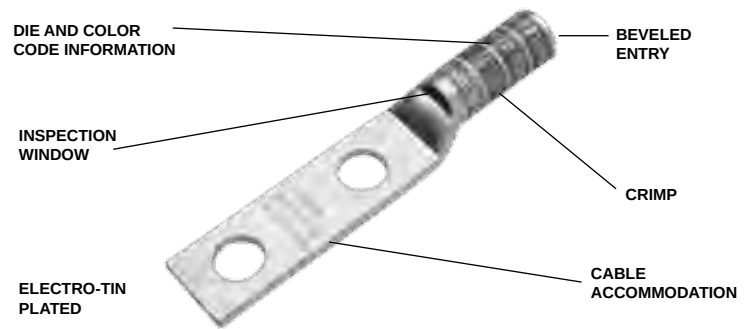
45° and 90° angles available. Please contact Customer Service to order:  
1-800-346-4175

### Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- 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
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

### Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

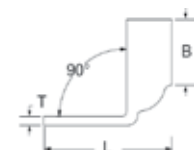
Straight



45°



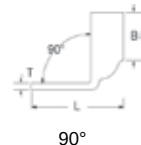
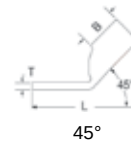
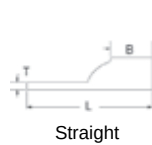
90°



# Compression Connections

Copper Compression — Code — Two Hole  
Long Barrel — with Inspection Window

## TYPES YAZ-2N, YAZ-2TC (Continued)



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

| Catalog Number | Conductor  |                     | Stud Hole Size | Stud Hole Spacing | Tongue Width | Figure Dimensions |      |      | Installation Tooling                               |                     |                        |                          |            |            | Wire Strip Length |
|----------------|------------|---------------------|----------------|-------------------|--------------|-------------------|------|------|----------------------------------------------------|---------------------|------------------------|--------------------------|------------|------------|-------------------|
|                | AWG        | MM <sup>2</sup> *** |                |                   |              | (B)               | (T)  | (L)  | Dieless (# of crimps)                              | MD6, OUR840, MD734R | 500 Series             | 35, 750, 46* Series      | Color Code | Die Index  |                   |
| YAZ332N        | 450 kcmil  | —                   | 1/2            | 1-3/4             | 1.48         | 2.12              | 0.21 | 5.89 | 644 Series (1)<br>444 Series (1)<br>81K Series (4) | W33VT (4)           | W33VT (4)<br>W33RT (4) | U33RT (4)                | Gray       | 326 or 538 | 2-5/16            |
| YAZ342TC14E2   | 500 kcmil  | 253<br>240          | 1/4            | 3/4"              | 1.55         | 2.25              | 0.23 | 4.42 |                                                    | W34VT (4)           | W34VT (4)<br>W34RT (4) | U34RT (4)<br>U31ART (4)  | Brown      | 20 or 299  | 2-5/16            |
| YAZ342TC38     |            |                     | 3/8            | 1"                | 1.55         | 2.25              | 0.23 | 4.85 |                                                    |                     |                        |                          |            |            |                   |
| YAZ342N        |            |                     | 1/2            | 1-3/4"            | 1.55         | 2.25              | 0.23 | 6.04 |                                                    |                     |                        |                          |            |            |                   |
| YAZ352N        | 550 kcmil  | —                   | 1/2            | 1-3/4"            | 1.65         | 2.62              | 0.25 | 6.45 |                                                    | —                   | —                      | U35RT (4)                | Yellow     | 21         | 2-11/16           |
| YAZ362TC38     | 600 kcmil  | 304<br>300          | 3/8            | 1"                | 1.74         | 2.69              | 0.26 | 5.55 |                                                    | —                   | —                      | U36RT (4)<br>U32ART (4)  | Green      | 22 or 472  | 2-3/4             |
| YAZ362N        |            |                     | 1/2            | 1-3/4"            | 1.74         | 2.69              | 0.26 | 6.55 |                                                    |                     |                        |                          |            |            |                   |
| YAZ372N        |            |                     | 1/2            | 1-3/4"            | 1.80         | 2.81              | 0.27 | 6.70 |                                                    |                     |                        |                          |            |            |                   |
| YAZ382N        | 700 kcmil  | 355                 | 1/2            | 1-3/4"            | 1.84         | 2.81              | 0.27 | 6.72 |                                                    | —                   | —                      | U38RT (4)                | Pink       | 400        | 2-7/8             |
| YAZ392NT38     | 750 kcmil  | 380                 | 3/8            | 1"                | 1.63         | 2.88              | 0.27 | 5.82 |                                                    | —                   | —                      | U39RT (4)<br>P39RT (4)** | Black      | 24         | 2-15/16           |
| YAZ392TC38     |            |                     | 3/8            | 1"                | 1.91         | 2.88              | 0.27 | 5.82 |                                                    |                     |                        |                          |            |            |                   |
| YAZ392N        |            |                     | 1/2            | 1-3/4"            | 1.91         | 2.88              | 0.27 | 6.82 |                                                    |                     |                        |                          |            |            |                   |
| YAZ392NNT      |            |                     | 1/2            | 1-3/4"            | 1.63         | 2.88              | 0.27 | 6.82 |                                                    |                     |                        |                          |            |            |                   |
| YAZ402N        | 800 kcmil  | 405<br>400          | 1/2            | 1-3/4"            | 1.98         | 2.94              | 0.30 | 6.89 |                                                    | —                   | —                      | P40RT (4)**              | Orange     | 25         | 3                 |
| YAZ412N        | 850 kcmil  | —                   | 1/2            | 1-3/4"            | 2.01         | 2.94              | 0.31 | 6.91 |                                                    | —                   | —                      | —                        | Gold       | 26         | 3                 |
| YAZ442TC38     | 1000 kcmil | 507                 | 3/8            | 1"                | 2.19         | 3.00              | 0.33 | 6.09 |                                                    | —                   | —                      | P44RT (4) **             | White      | 27         | 3-1/16            |
| YAZ442N        | kcmil      | 500                 | 1/2            | 1-3/4"            | 2.19         | 3.00              | 0.33 | 7.08 |                                                    |                     |                        |                          |            |            |                   |
| YAZ452N        | 1250 kcmil | 633                 | 1/2            | 1-3/4"            | 2.46         | 3.19              | 0.38 | 7.38 | —                                                  | —                   | —                      | P45RT (6) **             | Yellow     | 29         | 3-1/4             |
| YAZ4532N       | 1300 kcmil | —                   | 1/2            | 1-3/4"            | 2.53         | 3.19              | 0.39 | 7.41 |                                                    |                     |                        | —                        | Orange     | 30         | 2-1/16            |
| YAZ462N        | 1500 kcmil | 760                 | 1/2            | 1-3/4"            | 2.69         | 3.19              | 0.40 | 7.48 |                                                    |                     |                        | P46RT (6) **             | Green      | 31         | 3-5/16            |
| YAZ472N        | 1750 kcmil | 887                 | 1/2            | 1-3/4"            | 2.90         | 3.44              | 0.42 | 7.82 |                                                    |                     |                        | —                        | Gray       | 33         | 3-1/2             |
| YAZ482N        | 2000 kcmil | 1010                | 1/2            | 1-3/4"            | 3.10         | 3.44              | 0.46 | 7.89 |                                                    |                     |                        | —                        | Brown      | 34         | 3-1/2             |

\* Use PUADP1 adapter with U dies in 46 Series

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.