



## TN1012

by Burndy  
Catalog ID: TN1012

Ring Tongue Terminal, 22-18 AWG, 5/16 in, 1.51 in L, .69 in W,  
Polyvinylchloride, 600 VOLTS MAX. 105 Deg C MAX.

Features: INSULUG Type Tn Nylon-Insulated Terminals Are Designed For Heavy Duty Industrial, Utility And Military Power And Control-Circuit Applications For Wire Sizes 26 AWG Through 10 AWG, They Offer High Dielectric Strength And Stability In Oily Conditions And Meet Military Class 1 And Class 2 Requirements Per SAE AS25036 And The Requirements Of Military Specifications SAE-AS7928, 300 V Maximum, 105 DEG C Maximum, An Integral One-Piece Copper Barrel/Insulation Grip And Wire Strain Relief Design: Provides Improved Physical Strength Characteristics Over A Multi-Piece Design, Manufactured Of Pure Electrolytic Copper: Provides Maximum Conductivity, Low Resistance And Ductility For Excellent Crimp Forming Properties, Brazed Seam: Provides A Stronger Barrel Design To Minimize Any Possible Splitting And Eliminates Folding, Deep Inner Barrel Serrations: Provides Excellent Electrical Conductivity And Pullout Strength Values, Smooth Funnel Entry: Easy Wire Insertion, The Insulation Is Locked In Place: Will Not Twist Off, Thereby Maintains Proper Dielectric Values, Electro-Tin Plated: Provides Durable Long-Lasting Resistance To Corrosion, Color-Coded And Clearly Marked: Provides Quick, Easy Wire Size Identification, Ring Tongue: Provides A Secure Termination Under The Screw Head That Can Not Be Removed Without Complete Removal Of The Screw, Two Or More Terminals May Be Stacked On A Common Stud Easily: Provides Flexibility And Versatility, Color Code: Yellow, Wire Strip Length: 11/32 IN, Finish: Electro-Tin Plated, Temperature Rating: 105 DEG C Maximum

## Product Details

### General

|                                      |                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------|
| Application                          | For Heavy Duty Industrial, Utility And Military Power And Control-Circuit Applications |
| Connector Type                       | Terminal                                                                               |
| Insulation                           | Y                                                                                      |
| Insulation Type                      | Nylon                                                                                  |
| Material                             | Copper                                                                                 |
| Military Specification               | MS25036                                                                                |
| Physical Attribute - Number of Holes | 1                                                                                      |
| Physical Attribute - Tongue Type     | Ring                                                                                   |
| Plated                               | Y                                                                                      |
| Plating Type                         | Tin - Electro Plated                                                                   |
| Sub Brand                            | HYDENT                                                                                 |
| Trade Name                           | INSULUG™                                                                               |
| Type                                 | Ring Tongue                                                                            |
| UPC                                  | 781810524114                                                                           |

### Dimensions

|                                   |         |
|-----------------------------------|---------|
| Cable Insulation Diameter Maximum | 0.21 in |
| Dimension - L Length Overall mm   | 38 mm   |
| Dimension - Length Overall inch   | 1.51 in |

|                               |          |
|-------------------------------|----------|
| Dimension - Pad Width inch    | 0.69 in  |
| Dimension - Strip Length inch | 11/32 in |
| Dimension - Stud Size inch    | 5/16"    |
| Dimension - Z inch            | 0.53 in  |

Electrical Ratings

|                   |       |
|-------------------|-------|
| Voltage - Maximum | 300 V |
|-------------------|-------|

Conductor Related

|                 |                                                                                       |
|-----------------|---------------------------------------------------------------------------------------|
| Conductor Range | #12 AWG to #10 AWG                                                                    |
| Conductor Type  | <ul style="list-style-type: none"><li>CU C Solid-Size</li><li>CU C Str-Size</li></ul> |

Certifications and Compliance

|                                    |                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------|
| Certification - CSA Approved       | No                                                                                          |
| Certification - ETL                | No                                                                                          |
| Certification - UL Recognized      | No                                                                                          |
| Certification - cULus              | No                                                                                          |
| Industry Standard(s)               | <ul style="list-style-type: none"><li>UL467</li><li>Military Specified (Mil-Spec)</li></ul> |
| Standards - Industry Standards Met | <ul style="list-style-type: none"><li>UL467</li><li>Military Specified (Mil-Spec)</li></ul> |
| Standards - RoHS Compliance Status | CM                                                                                          |
| UL Listed                          | No                                                                                          |

Logistics

|                       |        |
|-----------------------|--------|
| Carton Quantity       | 100 EA |
| Minimum Pack Quantity | 1      |

For further technical assistance, please contact us

**BURNDY Headquarters**  
47 East Industrial Park Drive  
Manchester, New Hampshire 03109

**Customer Service Hours:**  
8 AM - 8 PM Eastern Monday-Friday  
Emergency Service 24-hours/365 Days  
Phone: 1-800-346-4175  
1-603-647-5299 (International)