

TN1838



by Burndy
Catalog ID: TN1838

Prop 65 Notice

Copper Terminal, Ring Tongue, 22-18 AWG, 3/8" Stud, Nylon Insulated, Funnel Entry, Tin Plated, 600 Volts 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, Bulk Catalog Number: YAES18N5, Installation Tool: Non-Ratchet: Y10D, Y10-22 Tool, Ratchet: MR8-83 Tool, Insulation Diameter (maximum): 0.12 IN, Temperature Rating: 105 DEG C Maximum, Sae-as25036: -105, Color Code: Red, Wire Strip Length: 7/32 IN, Finish: Electro-Tin Plated, Wire Insulation Grip: No

Product Details

General

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|--------------------------------------|--|
| Application | For Heavy Duty Industrial, Utility And Military Power And Control-Circuit Applications |
| Color Code | Red |
| Connector Type | Terminal |
| Feature - Barrel Style | Shrouded |
| 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 | INSULUG |
| Trade Name | INSULUG™ |
| Type | Ring Tongue |
| UPC | 781810734865 |

Dimensions

| | |
|-----------------------------------|----------|
| Cable Insulation Diameter Maximum | 0.120 in |
| Dimension - L Length Overall mm | 30 mm |
| Dimension - Length Overall inch | 1.17 in |
| Dimension - Pad Width inch | 0.53 in |
| Dimension - Strip Length inch | 7/32 |
| Dimension - Stud Size inch | 3/8 |
| Dimension - Z inch | 0.45 in |

Electrical Ratings

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|-------------------|-------|
| Voltage - Maximum | 600 V |
|-------------------|-------|

Conductor Related

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|-------------------------------------|---|
| Conductor - Copper Solid Size | 20 ;18 AWG |
| Conductor - Copper Solid Size Range | 20 -18 AWG |
| Conductor - Copper Str Size | 20 AWG;18 AWG |
| Conductor - Copper Str Size Range | 20 AWG-18 AWG |
| Conductor Range | #22 AWG to #18 AWG |
| Conductor Type | <ul style="list-style-type: none">• CU C Solid-Size• CU C Str-Size |

Certifications and Compliance

| | |
|------------------------------------|-------|
| Certification - CSA Approved | Yes |
| Certification - ETL | No |
| Certification - UL Recognized | No |
| Certification - cULus | No |
| Industry Standard(s) | UL486 |
| Standards - Industry Standards Met | UL486 |
| Standards - RoHS Compliance Status | CM |
| UL Listed | Yes |

Logistics

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|-----------------------|---------|
| Carton Quantity | 1200 EA |
| Minimum Pack Quantity | 100 |

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
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