



## TN1810

by Burndy  
Catalog ID: TN1810

Prop 65 Notice

Copper Terminal, Ring Tongue, 22-18 AWG, #8-#10 Stud, 600 Volts Max., Nylon Insulated, Funnel Entry, Tin Plated.

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: YAES18N3, Sae-as25036: -103, Temperature Rating: 105 DEG C Maximum, Insulation Diameter (maximum): 0.12 IN, Installation Tool: Non-Ratchet: Y10D, Y10-22 Tool, Ratchet: MR8-83 Tool, Color Code: Red, Wire Strip Length: 7/32 IN, Wire Insulation Grip: No, Finish: Electro-Tin Plated

## Product Details

### General

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 - Tongue Type	Ring
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	INSULUG
Trade Name	INSULUG™
Type	Ring Tongue
UPC	781810734827

### Dimensions

Cable Insulation Diameter Maximum	0.120 in
Dimension - L Length Overall mm	23 mm
Dimension - Length Overall inch	0.91 in
Dimension - Pad Width inch	0.31 in
Dimension - Strip Length inch	7/32
Dimension - Stud Size inch	#8;#10
Dimension - Z inch	0.29 in

### Electrical Ratings

Voltage - Maximum	600 V
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### Conductor Related

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	#18 AWG to #22 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	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

Carton Quantity	1200 EA
Minimum Pack Quantity	100

**For further technical assistance, please contact us**

**BURNDY Headquarters**  
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**Customer Service Hours:**  
8 AM - 8 PM Eastern Monday-Friday  
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