

## YAE12N

by Burndy  
Catalog ID: YAE12N

Prop 65 Notice

Insulated Copper Terminal, 8-10, 1.060 in L, .317 in W, 600 Volts Max.

Features: INSULUG Type YAE-N Nylon Insulated Terminals Are Designed With A Multi finger Insulation Grip For Paper, EPR And Other Elastic Or Hard To Grip Insulations, The Metal Fingers Firmly Grip The Insulation Providing Superior Holding Characteristics, Cable Support And Strain Relief, Type YAE-N Terminals Are Rated 105 DEG C And Meet Military Standard AS25036 Class 2 And SAE-AS7928 Requirements, Multi-Finger Insulation Grip: Provides Superior Insulation Holding Characteristics, Especially On EPR And Other Elastic-Type Insulations, Brazed Seam: Provides Stronger More Durable Termination, Manufactured Of Pure Electrolytic Copper: Provides Maximum Conductivity, Low Resistance And Ductility For Excellent Crimp Forming Properties, Deep V Groove, Inner Barrel Serrations: Provide Optimum Conductivity, Reliability, And Holding Power, Smooth Funnel Entry: Easy Wire Insertion, 300 V Maximum, Package: Bulk, Temperature Rating: 105 DEG C Maximum, Insulation Diameter (maximum): 0.18 IN, Tape Mounted Catalog Number: YAE12NM, Installation Tool: MR8-1A, MR8-33T-1 Tool (No Extra Dies Required), Y10D, M8ND Tool With N12HET-1 Die, Color Code: Green, Wire Strip Length: 21/64 IN, Finish: Electro-Tin Plated, Wire Insulation Grip: Yes



## Product Details

### General

Application	For use on copper compression connections
Color Code	Green
Connector Type	Ring Terminal
Feature - Barrel Style	Shrouded
Feature - Barrel Type	Standard
Insulation	Y
Insulation Type	Nylon
Material	Copper
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Ring Terminal
Plated	Y
Plating Type	Tin
Sub Brand	INSULUG
Temperature Rating	105° C
Trade Name	INSULUG™
Type	YAE-N
UPC	781810804414
UPC 12 Digit	7818108044144

### Dimensions

Cable Insulation Diameter Maximum	0.180 in
Dimension - Hole Size fraction	1/5

Dimension - Hole Size inch	0.20 in
Dimension - L Length Overall mm	27 mm
Dimension - Length Overall inch	1.06 in
Dimension - N inch	0.16 in
Dimension - Pad Width inch	0.31 in
Dimension - Strip Length inch	21/64 in
Dimension - Stud Size inch	#8 - #10
Dimension - Z inch	0.286 in

### Electrical Ratings

Voltage - Maximum	600 V
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### Conductor Related

Conductor - Copper Str Aircraft Size	AN 14;AN 12
Conductor - Copper Str Size Range	14 AWG - 12 AWG
Conductor Type	CU C Str-Size

### Certifications and Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	<ul style="list-style-type: none"> <li>UL486</li> <li>Military Specified (Mil-Spec)</li> </ul>
Standards - Industry Standards Met	<ul style="list-style-type: none"> <li>UL486</li> <li>Military Specified (Mil-Spec)</li> </ul>
Standards - RoHS Compliance Status	CM
UL Listed	Yes

### Logistics

Minimum Pack Quantity	500
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### 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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