



YAES18K3NK, Radiation Resistant Insulated Ring Terminal For 22 - 18 AWG (Nickel Plated)

By Burndy
Catalog # [YAES18K3NK](#)

Radiation Resistant Insulated Ring Terminal For 22 - 18 AWG (Nickel Plated)

Features

- Insulation provides 200 megarad radiation resistance plus successfully tested for insulation compatibility
- An integral one-piece copper barrel/insulation grip and wire strain relief design provides improved physical strength characteristics over a multi-piece design
- The insulation is locked in place and will not move or twist off, thereby maintains proper dielectric values
- Manufactured from pure electrolytic copper to provide maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Bright tin-plated per MIL-T-10727 for durable long-lasting resistance to corrosion
- Deep inner barrel serrations provides excellent electrical conductivity and tensile strength values
- Brazed seam gives a stronger barrel design to minimize any possible splitting and eliminates folding
- Smooth funnel entry for easy wire insertion
- Color coded terminals provides easy wire size identification and inspection
- Coded raised dots in the die area of the connection after compression for visual identification that the correct tool and die were used for proper installation
- Inspection hole gives an additional visual check to ensure proper wire insertion
- Ring tongue design provides a secure termination under screw head that cannot be removed without the complete removal of the screw
- Multiple terminals may be stacked on a common stud easily providing flexibility and versatility

Specifications

Certification - ETL	No
Certification - UL Recognized	No
Standards - RoHS Compliance Status	CM
Certification - cULus	No
UL Listed	No
Certification - CSA Approved	No

Conductor

Conductor Size	22 - 18 AWG
Conductor - Copper Solid Size	• 22 • 20 • 18 AWG



Conductor - Copper Solid Size Range	22 -18 AWG
Conductor Type	• CU C Str-Size • CU C Solid-Size
Conductor - Copper Str Size Range	22 AWG - 18 AWG
Conductor - Copper Str Size	• 22 AWG • 20 AWG • 18 AWG

Configuration

Physical Attribute - Number of Holes	1
Connector Type	Ring Terminal

Current

Voltage - Maximum	600 V
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Dimensions

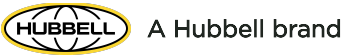
Dimension - Pad Width inch	0.31 in
Dimension - Hole Size fraction	1/5
Dimension - Bolt Size fraction	#10
Dimension - Z inch	0.29 in
Dimension - L Length Overall mm	23 mm
Dimension - Hole Size inch	0.20 in
Dimension - Length Overall inch	0.91 in
Dimension - Strip Length inch	7/32 in
Dimension - Stud Size inch	#10

General

Feature - Barrel Type	Standard
Feature - Barrel Style	Belled
Plated	Y
Insulation Type	Kynar
Trade Name	INSULUG™
Physical Attribute - Tongue Type	Ring
UPC	781810211762
Type	Radiation Resistant KYNAR Ring Tongue
Insulation	Y
Material	Copper

Plating Type	Nickel	Pallet Quantity	99999
UPC 12 Digit	781810211762	Carton Quantity	24000
UPC 14 Digit GTIN	00781810211762		

Logistics



Product Assets

[Catalog \[English\]](#)