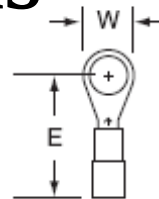


3M™ Scotchlok™ Terminals

Ring Tongue, Nylon Insulated MN24-2R thru MN24-10R



Data Sheet

August 2012

Product Number	Wire Range (AWG)	Stud Size	W inch	E inch	Thickness inch	Barrel I.D. inch	Maximum Insulation Diameter
MN24-2R	26-22	2	0.20	0.55	0.020	0.040	0.090
MN24-4R	26-22	4	0.20	0.55	0.020	0.040	0.090
MN24-6R	26-22	6	0.24	0.63	0.020	0.040	0.090
MN24-8R	26-22	8	0.26	0.63	0.020	0.040	0.090
MN24-10R	26-22	10	0.31	0.63	0.020	0.040	0.090

Specifications

Wire Size:	See Table
Barrel Seam:	Brazed
Maximum Voltage Rating:	600 V Building Wire, 1000 V Signs, Fixtures and Luminaires
Max. Operating Temp.:	221°F (105°C)
Max. Current:	Same as Wire
Insulator Material:	Nylon
Terminal Material:	Copper
Plating:	Tin

Engineering Specification

Crimp-type terminals shall, electrically and mechanically, connect to a pres-stripped end of a stranded copper wire, and have a tongue portion with a central opening for mounting around a screw or stud.

The terminal line shall offer tongue variations in hole (stud) size (6, 8, 10, etc.) and configuration (ring, fork, block fork, flanged block fork, locking fork, etc.): and barrel variations in wire (AWG) size (24,22-18, 16-14, 12-10, etc.) and construction (non insulated brazed seam, vinyl insulated butted seam, nylon insulated with insulation grip, etc.).

The nylon-insulated, ring tongue terminal shall be tin-plated, annealed copper, with the tongue having a specified stud hole (size 2 thru 10) and a brazed seam barrel, covered by a molded nylon sleeve, color coded and sized for 26-22 (AWG) wire

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Installation Information

WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

Strip away the end 3/8 inch of wire insulation.

Make the crimp the proper station of a recommended 3M crimp tool:
3M™ Scissors Style Crimping Tool TH-450.



Barrel Crimp (Electrical)

Shelf Life & Storage

3M Scotchlok Terminals have a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

Availability

Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1.800.245.3573.

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