



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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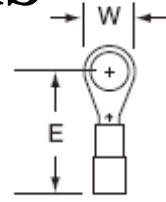
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# 3M™ Scotchlok™ Terminals

## 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)

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## 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).

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## Availability

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

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