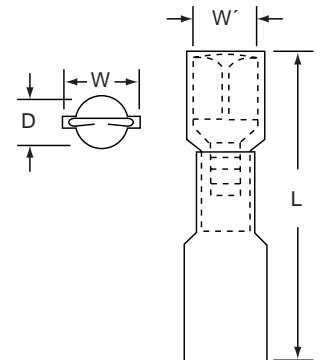




# Scotchlok™ Terminals

MNHU18-250DFI, MNHU14-250DFI,  
MNHU10-250DFI

Female Disconnect, Nylon/Heat Shrink  
Fully Insulated, Butted Seam



## Data Sheet

Product Number	Wire Range (AWG)	Male Tab Width (W') x Thickness	L	W	D	Barrel Length	Barrel I.D.
MNHU18-250DFI	22-18	0.250 x 0.032	1.2	0.37	0.23	0.25	0.080
MNHU14-250DFI	16-14	0.250 x 0.032	1.2	0.37	0.23	0.25	0.080
MNHU10-250DFI	12-10	0.250 x 0.032	1.2	0.39	0.32	0.25	0.165

## Specifications

Wire Size: See Table Above  
 Barrel Seam: Butted  
 Maximum Voltage Rating: 600 V Building Wire  
 1000 V Signs or Fixtures (Luminares)  
 Maximum Temperature Rating: 221°F (105°C)  
 Maximum Current: Same as Wire  
 Insulator Material: Nylon/Adhesive Lined Polyolefin  
 Terminal Material: Brass  
 Plating: Tin

## Installation Information

**⚠ WARNING**

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

For use on stranded copper wire only.

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

Make the crimp in the proper station of a recommended 3M™ crimp tool: TH-440, TH-450 (scissor style) hand tools.



 Barrel Crimp (Electrical)

Shrink tubing using a heat gun. Heat until tubing is completely shrunk and adhesive protrudes slightly from the tubing.

## Engineering Specification

Crimp-Type Female Disconnects shall, electrically and mechanically connect permanently to a prestripped end of a stranded copper wire: and have a tongue portion with fingers which grip a male quick disconnect in a separable, reusable manner, forming a Quick Connect Wiring Connection.

The connector line shall offer a tongue variations (sized to grip Male Tabs: 0.250" x 0.032" per ANSI/NEMA CD-2) and barrel variations in wire(AWG) size (22-18, 16-14, 12-10) and construction (nylon fully insulated and polyolefin heatshrink material). The tongue shall be marked with the wire range and the manufacturer's symbol (↑).

The Nylon Fully Insulated 0.250" Female Disconnect shall be tin plated 0.020" thick brass, with a tongue for gripping a 0.250" x 0.032" male tab per ANSI/NEMA CD-2 and a 0.25" long barrel covered by a molded nylon funnel entry sleeve, which extends to cover the tongue, color coded, and sized for a specified (AWG) wire range (22-18, 16-14, 12-10). Color coded adhesive lined heat shrink tubing extends from the crimp area beyond the terminal. The heat activated tubing conforms to the terminal and the adhesive bonds to the conductor.

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### IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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