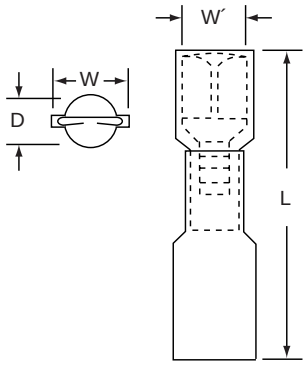
Scotchlok™ Terminals

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 (Luminaires)
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

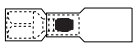
⚠WARNING

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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