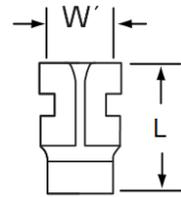


3M™ Scotchlok™ Terminals

MU18-250DF/FLAG, MU14-250DF/FLAG

Female Flag Disconnect, Non-Insulated, Butted Seam



Data Sheet

August 2014

Product Number	Wire Range (AWG)	Mates with <u>Male Tab</u> Width (W') x Thickness	L	Barrel Length	Barrel I.D.
MU18-250DF/FLAG	22-18	0.250 x 0.032	0.50	0.25	0.075
MU14-250DF/FLAG	16-14	0.250 x 0.032	0.51	0.26	0.095

Specifications

UL Standard No. 310, 3M File No. E750512	
CSA Standard No. 22.2, 3M File No. LR22190	
Max. Current:	Same as Wire
Max. Operating Temp:	347°F (175°C)
Wire Size	See Table above
Barrel Seam:	Butted
Terminal Material:	Brass
Plating:	Tin

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Installation Information

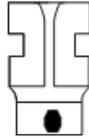
WARNING

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

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

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

Make the crimp in the proper station of a recommended 3M™ Scotchlok™ Crimp Tool: TH-450 (scissor style) hand tool.



Barrel Crimp Electrical

Suitable for field or factory installation.

Engineering Specification

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

The connector line shall offer tongue variations (sized to grip male tabs: 0.250" x 0.032" or 0.187" x 0.020") and barrel variations in wire (AWG) range (12-18, 16-14) and construction (non insulated, vinyl insulated, nylon fully insulated, etc). The tongue portion shall be marked with the wire range and manufacturer's symbol (↑).

The non-insulated Female Flag Disconnect shall be tin plated 0.020" thick brass, with a tongue for gripping a 0.250" x 0.032" male tab, and with a butted seam barrel positioned across the closed end of the tongue and sized for a specified (AWG) wire range: 22-18, 16-14.

Disconnects shall be suitable for field or factory wiring, with the required UL approved strain relief.

3M™ Scotchlok™ Terminals MU18-250DF/FLAG, MU14-250DF/FLAG

Shelf Life & Storage

3M™ Scotchlok™ Terminals MU18-250DF/FLAG, MU14-250DF/FLAG 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 1-800-472-1190.

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