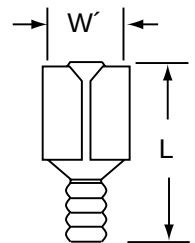




# Scotchlok™ Terminals

MU18-250DF, MU14-250DF

Female Disconnect, Non-Insulated, Butted Seam



## Data Sheet

| Product Number | Wire Range (AWG) | Mates with Male Tab Width (W') x Thickness | L    | Barrel Length | Barrel I.D. |
|----------------|------------------|--------------------------------------------|------|---------------|-------------|
| MU18-250DF     | 22-18            | 0.250 x 0.032                              | 0.66 | 0.25          | 0.080       |
| MU14-250DF     | 16-14            | 0.250 x 0.032                              | 0.66 | 0.25          | 0.080       |



UNDERWRITERS  
LABORATORIES  
STANDARD NO. UL 486C  
3M FILE NO. E70512



CANADIAN STANDARDS  
ASSOCIATION  
STANDARD NO. 22.2  
NO. 0, 65  
3M FILE NO. LR22190

## Installation Information

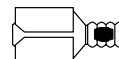
### **WARNING**

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 wire only.

Strip away the end 1/4 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style), or TR-490 (ratchet style) hand tools.



 Barrel Crimp (Electrical)

## Specifications

Wire Size:  
Barrel Seam:  
Maximum Voltage Rating:

See Table Above  
Butted  
600 V Building Wire  
1000 V signs or  
fixtures (Luminaires)  
Same as Wire  
Brass  
Tin

Maximum Current:  
Terminal Material:  
Plating:

Suitable for factory application on steel or brass tabs UL and CSA.

Suitable for field application on brass tabs, strain relief required, UL only.

## Engineering Specification

Crimp-Type Female Disconnect Terminals 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 Disconnect in a separable, reusable manner, forming a Quick Connect Wiring Termination.

The connector line shall offer tongue variations (sized to grip Male Tabs: 0.187" x 0.250") and barrel variations in construction (non-insulated, nylon insulated with insulation grip, etc.). The tongue portion shall be marked with the wire range and manufacturer's symbol (↑).

The Non-Insulated 0.250" Female Disconnect shall be tin plated 0.020" thick brass with a tongue for gripping a 0.250" Male Tab of 0.032" thickness and a butted seam barrel sized for a specified (AWG) wire range (22-18, 16-14).

Insulated connectors shall be UL Listed and CSA Certified for 600 V building wire: 1000 V signs or lighting fixtures (luminaires).

Female Disconnects shall be suitable for field or factory wiring, with a UL Recognized strain relief required.

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