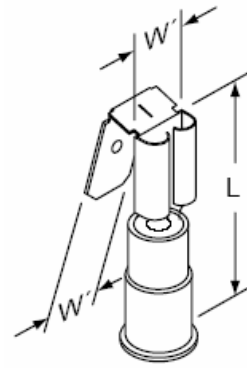




# Scotchlok™ Terminals

MVU18-250DMF-A, MVU14-250DMF-A,  
Multi-Stack Disconnect, Vinyl Insulated,  
Butted Seam



Data Sheet

February 2008

| Product Number | Wire Range (AWG) | Mates with Male Tab Width (W') x Thickness | L   | Maximum Insulation Diameter |
|----------------|------------------|--|-----|-----------------------------|
| MVU18-250DMF-A | 22-18            | 0.250 x 0.032                              | .87 | .15                         |
| MVU14-250DMF-A | 16-14            | 0.250 x 0.032                              | .87 | .17                         |

## Specifications

|                         |                     |
|-------------------------|---------------------|
| Wire Size:              | See Table Above     |
| Barrel Seam:            | Butted              |
| Maximum Voltage Rating: | 300 V Building Wire |
| Maximum Operating Temp: | 221°F (105°C)       |
| Maximum Current:        | Same as Wire        |
| Insulator Material:     | Vinyl               |
| Terminal Material:      | Brass               |
| Terminal Plating:       | Tin                 |

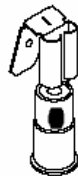
## Installation Information

### 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™ Scotchlok™ Crimp Tool: TH-440, TH-450 (scissor style) or TR-490 (ratchet style) hand tools.



Barrel Crimp (Required)

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**Engineering Specification**

Crimp-Type Multi-Stack Disconnects shall, electrically and mechanically, connect permanently to a pre-stripped end of a stranded copper wire, and have a tongue portion with fingers which grip a Male Quick-Slide and a tongue extension to be gripped by a Female Quick-Slide in a separable, reusable manner, forming a Quick Connect Wiring Termination.

The Multi-Stack Disconnect line shall offer variations in separable connections: Male Quick-Slide (0.250" wide), Female Quick-Slide (0.250" wide) and barrel variations in wire (AWG) size (22-18, 16-14) and construction (vinyl insulated and nylon insulated with insulation grip). The tongue shall be marked with the wire range.

The Separable Connection formed by the Multi-Stack Disconnect and the mating connector(s) may require a suitable strain relief to prevent accidental separation.

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