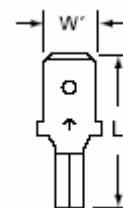




# Scotchlok™ Terminals

MU18-187DM, MU14-187DM

Male Disconnect, Non-Insulated, Butted Seam



## Data Sheet

November, 2007

| Product Number | Wire Range (AWG) | Male Tab Width (W') x Thickness | L    | Barrel Length | Barrel I.D. |
|----------------|------------------|---------------------------------|------|---------------|-------------|
| MU18-187DM     | 22-18            | 0.187 X 0.20                    | 0.64 | 0.24          | 0.080       |
| Mu14-187DM     | 16-14            | 0.187 x 0.20                    | 0.64 | 0.24          | 0.080       |

### Specifications

|                    |                 |
|--------------------|-----------------|
| Wire Size:         | See Table Above |
| Barrel Seam:       | Butted          |
| Maximum Current:   | Same as Wire    |
| Terminal Material: | ETP Copper      |
| Terminal Plating:  | Tin             |

### Regulatory Agencies

**UL Listed** as a Wire Connector, tested per UL Standard 310, UL File No. E70512.



Maximum Voltage Rating: 600 volts max building wire  
1000 volts max signs and fixtures

**CSA Certified** – CSA Standard 22.2, No. 153, CSA File No. LR 22190.

Maximum Voltage Rating: 600 volts max building wire  
1000 volts max signs and fixtures

### Installation Information

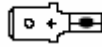
#### WARNING

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 of wire insulation 3/8 inch of wire insulation

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



Barrel Crimp (Required)

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

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

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## Engineering Specification

Crimp-Type Male Quick Disconnect shall, electrically and mechanically, connect permanently to a pre-stripped stranded copper wire and have a flat rectangular tongue portion for mating to a Female Quick Disconnect in a separable, reusable manner, forming a Quick Connect Wiring Connection.

The connector line shall offer tongue variations (size 0.250 x 0.032 or 0.817 x 0.020 per ANSI/NEMA DC-2) and barrel variations in wire size 22-18 AWG, 16-14 AWG, 12-10 AWG and construction of non-insulated vinyl insulated, nylon fully insulated, etc.

The Quick Disconnect shall have regulatory agency coverage (UL Listing, CSA Certification). The tongue shall be marked with the wire range and the manufacturer's symbol. (↑).

The Male Quick Disconnect shall be tin plated 0.020" thick copper, with a 0.187" blade conforming to ANSI/NEMA DC-2 dimensions and a 0.24" long barrel and sized for a specified (AWG) wire range (22-28, 16-14).

Insulated connectors shall by UL Listed and CSA Certified for 600 volts maximum, building wire: 1000 volts maximum, signs and fixtures (luminaires).

Quick Disconnect connectors shall be suitable for field or factory wiring, with a UL Recognized strain relief required.

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**3M**  
Electrical Markets Division  
6801 River Place Blvd.  
Austin, TX 78726-9000  
800/245-3573  
FAX 800-245-0329

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