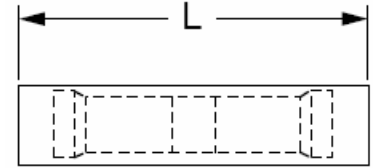




# Scotchlok™ Terminals

MNG18BCM-A, MNG14BCM-A,  
MNG10BCM-A

Butt Connector, Nylon Insulated with Insulation Grip, Moisture Resistant



Data Sheet

February 2008

Product Number	Wire Range (AWG)	L
MNG18BCM-A	22-18	1.02
MNG14BCM-A	16-14	1.06
MNG10BCM-A	12-10	1.23

## Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted with insulation Grip
Maximum Voltage Rating:	600 V Building Wire or 1000 Volts Signs or Fixtures (Luminaires)
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Terminal Material:	Copper
Terminal Plating:	Tin
Sealant:	Petroleum based grease

## 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-482, TR-490 (ratchet style) hand tools.



■ Barrel Crimp (Electrical)

□ Insulation Grip Crimp (required for sealant integrity)

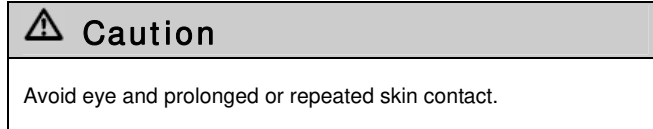
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**Engineering Specification**

Crimp-type terminals shall, electrically and mechanically, connect to the pre-stripped end of two stranded copper wires.

The connector line shall offer barrel variations in wire (AWG) size (22-18, 16-14, 12-10) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated seamless, etc.)

The insulator shall be color coded and sized for a specified (AWG) wire range (22-18, 16-14 and 12-10).



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**Suggested First Aid**

In case of eye contact, flush eyes with large amounts of water for at least ten minutes and call a physician

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