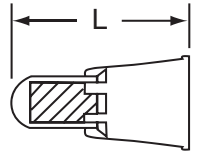




# Crimp Sleeve Connector, Nylon Insulated, Steel Insert

## MN14CEC/ST



### Data Sheet

Product Number	Wire Range	AWG (mm <sup>2</sup> ) Wire Range O.D.	L	Barrel Length	Barrel I.D.
MN14CEC/ST	22-14	see chart below	0.76	0.31	0.091



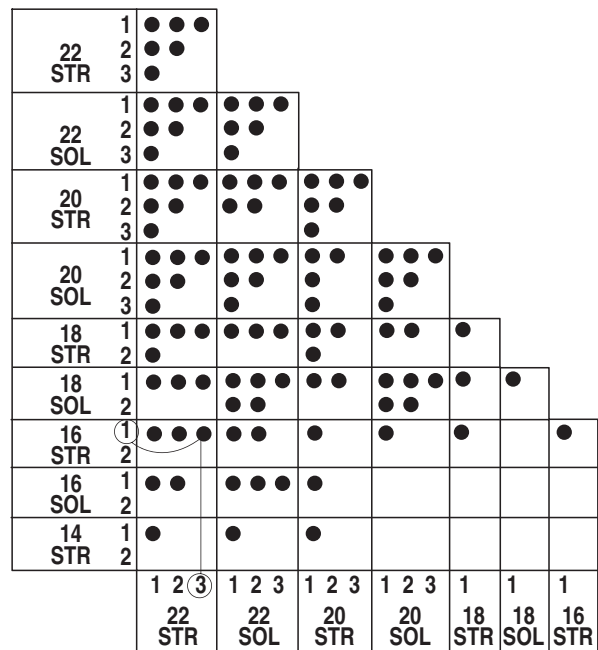
UNDERWRITERS  
LABORATORIES  
STANDARD NO. UL 486C  
3M FILE NO. E23438



CANADIAN STANDARDS  
ASSOCIATION  
STANDARD NO. 22.2  
NO. 0, 188  
3M FILE NO. LR15503

### Specifications

Wire Size: 22-14 AWG Copper wire only  
 Maximum Voltage Rating: 600 V Building Wire, 1000 V signs, fixtures (Luminaires)  
 Maximum Operating Temp: 221°F (105°C)  
 Maximum Current: Same as Wire  
 Insulator Material: Nylon  
 Sleeve Material: Steel  
 Sleeve Plating: Tin



How to read chart:  
One #16 stranded plus three #22 stranded (equalling four wires) may be connected using an MN14CEC/ST connector.

## Installation Information

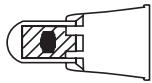
### **WARNING**

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 solid or stranded copper (AWG) wire only.

Strip away the end 5/16 inch of wire insulation. Hold stripped wire ends even and twist tightly.

Make the crimp in the proper station of a recommended 3M™ crimp tool: TH-440, TH-450 (scissor style) or TR-482 (ratchet style).



 Barrel Crimp (Required)

*Pretwist wires  
before crimping*

## Engineering Specification

3M Crimp-Type Connectors shall, electrically and mechanically, connect permanently to the prestripped ends of two or more copper wires. The connector line shall have regulatory agency coverage (UL Listing CSA Certification). The connectors shall be marked with the wire range and a manufacturer's symbol (↑).

The 3M Steel Insert Closed End crimp type connector shall be tin plated, seamless steel sleeve, 0.31" long and sized for a selection of wire combinations within a specified (AWG) wire range (22-14). The steel sleeve shall be covered by a molded nylon, skirted insulator.

Insulated terminals shall be UL Listed and CSA Certified for 600 Volts maximum, building wire: 1000 Volts maximum, in signs fixtures and luminaires, and have a maximum operating temperature of 105°C.

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