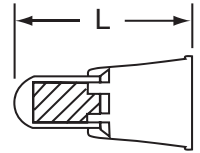




Crimp Sleeve Connector, Nylon Insulated, Steel Insert

MN14CEC/ST



Data Sheet

Product Number	Wire Range	AWG (mm ²) 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:

Maximum Voltage Rating:

Maximum Operating Temp:

Maximum Current:

Insulator Material:

Sleeve Material:

Sleeve Plating:

22-14 AWG Copper wire only
600 V Building Wire
1000 V signs, fixtures (Luminaires)
221°F (105°C)
Same as Wire
Nylon
Steel
Tin

22 STR	1 2 3	•••							
22 SOL	1 2 3	••••	••••						
20 STR	1 2 3	••••	••••	••••					
20 SOL	1 2 3	••••	••••	••••	••••				
18 STR	1 2	••••	••••	••••	••••	•			
18 SOL	1 2	••••	••••	••••	••••	••	•		
16 STR	1 2	••••	••••	••••	••••	••	•	•	
16 SOL	1 2	••••	••••	••••	••••	••	••	••	•
14 STR	1 2	••••	••••	••••	••••	••	••	••	••
		1 2 3	1 2 3	1 2 3	1 2 3	1	1	1	
		22 STR	22 SOL	20 STR	20 SOL	18 STR	18 SOL	16 STR	

How to read chart:

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

Installation Information

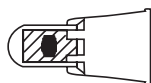
WARNING

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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