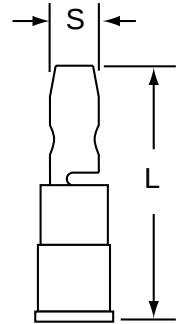




Scotchlok™ Terminals

MVU18-156DM, MVU14-156DM,
MVU10-156DM

Male Snap Plug, Vinyl Insulated, Butted Seam



Data Sheet

Product Number	Wire Range (AWG)	Mating Snap Diameter S	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
MVU18-156DM	22-18	0.156	0.85	0.19	0.070	0.145
MVU14-156DM	16-14	0.156	0.85	0.19	0.090	0.170
MVU10-156DM	12-10	0.156	0.94	0.22	0.155	0.250



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



CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. 22.2
NO. 0, 65
3M FILE NO. LR22190

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 3/8 inch of wire insulation.

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



 Barrel Crimp (Electrical)

Specifications

Wire Size:
Barrel Seam:
Maximum Voltage Rating:

Maximum Operating Temp:
Maximum Current:
Insulator Material:
Terminal Material:
Plating:

See Table Above
Butted
600 V Building Wire
1000 V Signs or
Fixtures (Luminaires)
221°F (105°C)
Same as Wire
Vinyl
Brass
Tin

Engineering Specification

Crimp-Type Snap Plug Connectors shall, electrically and mechanically, connect permanently to a prestripped end of a stranded copper wire; and have a round tongue portion for mating to a Snap Receptacle in a separable, reusable manner.

The connector line shall offer tongue variations (0.156" and 0.180" diameter) and barrel variations in wire (AWG) size (22-18, 16-14, 12-10) and construction (vinyl insulated, nylon insulated with insulation grip). The separable connectors shall have regulatory agency coverage (UL Listed, CSA Certification).

The vinyl insulated 0.156" Male Snap Plug shall be tin-plated 0.030" thick copper, with a tongue tapered from 0.156" diameter and a butted seam barrel covered by a molded vinyl funnel entry sleeve, color coded and sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

Insulated separable connectors shall be UL Listed and CSA Certified for 600 V building wire: 1000 V signs or lighting fixtures (luminaires) and temperature rated 221°F (105°C) maximum.

The separable connector formed by the paired Male Snap Plug and Female Snap Receptacle may require a suitable strain relief to prevent accidental separation.

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