3M

Scotchlok[™] 567 Self-Stripping Electrical Tap Connectors





Data Sheet

Application

Use 3M[™] Scotchlok[™] Tap Connector 567 to electrically connect a (tap) wire end to a through (run) wire and insulate the connection.

Wire Range

(Tap) 18-14 AWG (.75-1.5 mm²): (Run) 12-10 AWG (4.0 mm²)

Solid or stranded copper conductors. For use with common thermoplastic insulated wires such as: T, TF, TFF, TFN, TFFN, AWM, TEW, SAE-GPT with a maximum insulation diameter of (tap) .145 inches (3.5 mm) run .190 inches (4.8 mm).

Maximum recommended current for general purpose applications:

18 AWG - 7 AMPS, 16 AWG - 10 AMPS, 14 AWG-15 AMPS, 12 AWG-20 AMPS, 10 AWG-25 AMPS.

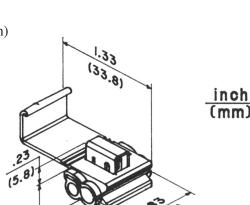
Construction

U-contact - Tin plated brass, .03 in. (.8 mm) thick Insulator - Polypropylene

Color - brown UL 94-V-2

Weight

.0067 lb. (3.0 gm)



Recommended Installation Tools

9" Linemans Pliers 3M™ Crimping Tool No. E-9BM

Installation Instructions

AWARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

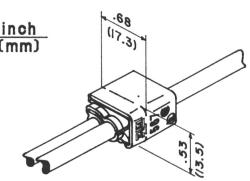
- 1. Place unstripped run wire inside run channel.
- 2. Insert unstripped tap wire completely and check it's position in the inspection port.
- 3. Hold tool perpendicular to the wires and make the connection by driving the u-contact down flush with the top of the plastic insulator.
- 4. Close hinged top cover until latched.

Regulatory Agencies

UL Listed - Tested per UL Standard 486C UL file No. E23438

CSA certified - CSA Std. C22.2 No. 0. 188-MI983 CSA File No. LR15503, LR32411

(Voltage rated at 600 volts maximum, building wire: 1000 volts maximum, signs, fixtures and luminaires. Operating Temperature: 105°C.)



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Engineering Specification

Self-Stripping Electrical Connector (as manufactured by 3M, part No. 567) capable of connecting a tap wire 18-14 AWG solid or stranded copper to a run wire solid or stranded copper. Connector shall be UL Listed and CSA Certified for 600 volts maximum, building wire: 1000 volts maximum, signs, fixtures and luminaires, and temperature rated 105°C maximum.

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