Scotchlok™ 314U
Self-Stripping Electrical Pigtail Connectors

Data Sheet

Application
Use Part No. 314U to electrically connect two or three wire ends and insulate the connection.

Wire Range
22-14 AWG Solid or stranded, tinned or untinned (0,5-1.5 mm^2) copper conductors. For use with common thermoplastic insulated wires: T, TF, TFF, TFN, TFFN, AWM, TEW, SAE-GPT with a maximum insulation diameter of .150 inches (3,8 mm). Maximum recommended current for general purpose applications: 22 AWG - 3 AMPS, 20 AWG - 5 AMPS, 18 AWG - 7 AMPS, 16 AWG - 10 AMPS, 14 AWG - 15 AMPS.

Construction
U-contact - Tin plated brass, .02 in. (0,5 mm) thick

Insulator - Flame retardant nylon,
Color - cap/white, body/white

Weight
.0069 lb. (3.14 gm)

Recommended Installation Tools
3M™ Crimping Tool No. E-9BM
Mechanics (slip joint) Pliers

Installation Instructions

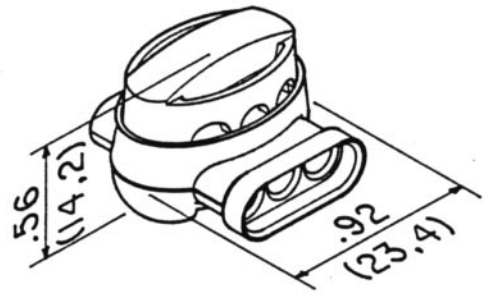
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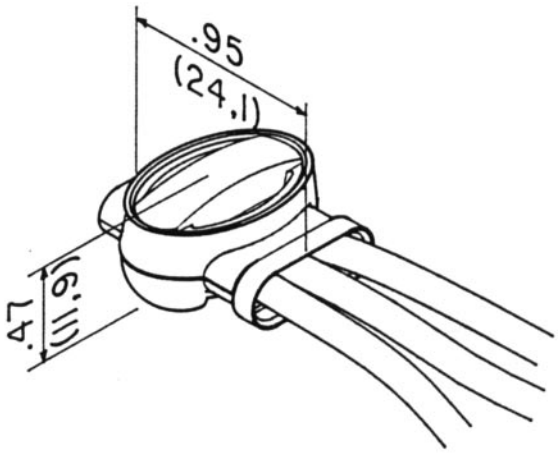
Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

1. Insert 2 or 3 unstripped wires completely into connector and check their position by looking through the translucent connector body.
2. Hold tool perpendicular to the wires and make the connection by driving the cap down flush with the top edge of the connector body.

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

Note: UL Listed and CSA Certified for AWG only.





Engineering Specification

Self-Stripping Electrical Connector (as manufactured by 3M, part No. 314U) capable of connecting 2 or 3 wires in the range of No. 22 thru No. 14 AWG solid or stranded copper wire in a pigtail application while insulating the connection. 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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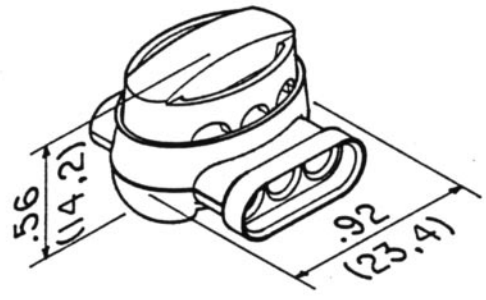
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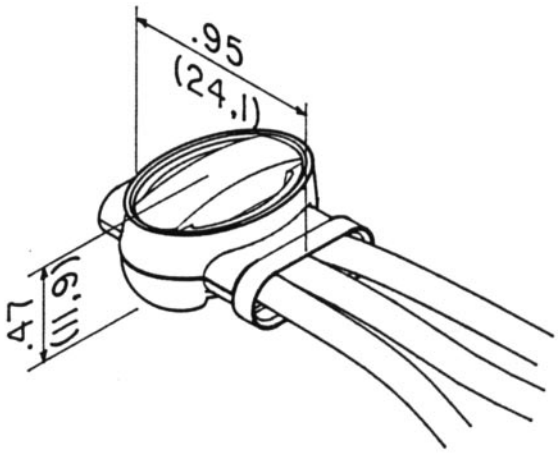
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