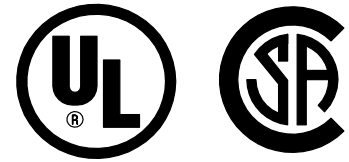


SCOTCHLOK[®] 560 IDC Electrical Tap Connector



Application:

Use part No. 560 to electrically connect a (tap) wire end to a through (run) wire and insulate the connection.

Wire Range:

18–16 AWG(0,75–1,0mm²) solid or stranded, 14AWG (1,5mm²) stranded, tinned or untinned copper conductors.
For use with thermoplastic insulated wire such as; T, TW, TFF, TFN, TFFN, AWN, TEW, SAE–GPT with a maximum insulation diameter of .145 inches (3.5mm). Maximum recommended current for general purpose application: 18 AWG–7 AMPS, 16 AWG–10 AMPS, 14 AWG–15 AMPS.

Construction:

U–Contact – Tin plated brass
.03 inches (0.8mm) thick
Insulator – Flame retardant polypropylene,
Color – light blue

Weight:

.0032 lb. (1.45gm)

Engineering Specification:

Insulation Displacement Connector (as manufactured by 3M, part No. 560) capable of connecting a tap wire to a run wire, in the range of No.18–16 AWG(0,75–1,0mm²) solid or stranded, 14AWG (1,5mm²) stranded, tinned or untinned copper conductors. The connector shall be UL Listed and CSA Certified for 600 Volts maximum building wire: 1000 Volts maximum, signs fixtures and luminaires, and have a maximum insulating temperature of 105°C, (221°F).

Installation Instructions:

CAUTION – turn power off before installing connector. 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.
3. Hold tool perpendicular to the wire and make the connection by crimping the u–contact down flush with the top of the plastic insulator.
4. Close hinged top cover until latched.

Recommended Installation Tool:

3M No. E–9BM Crimping Tool
9” Linemans Pliers

Regulatory Agencies:

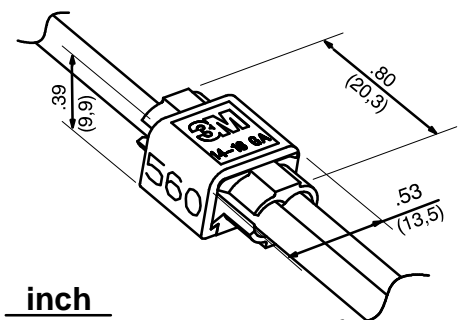
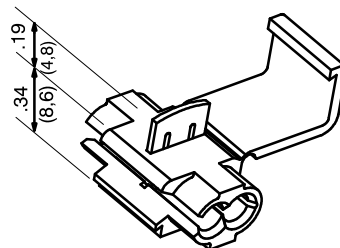
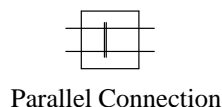
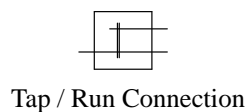
U.L. Listed – Tested per UL Standard 486C
U.L. File No. E23438

C.S.A. Certified – CSA Stranded C22.2 No. 188–M1983
CSA File No. LR15503, LR32411





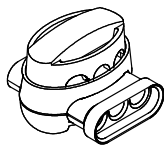
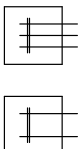

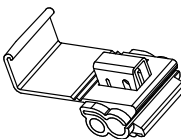



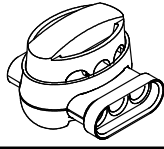
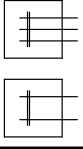


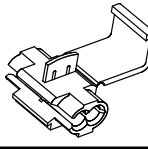
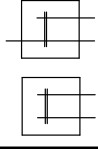
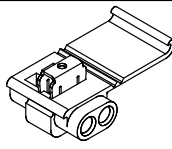



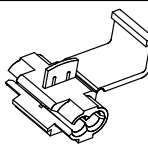

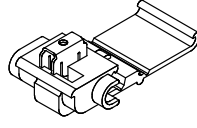



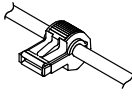



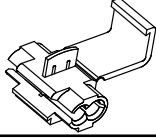
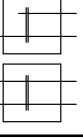


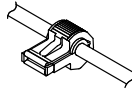



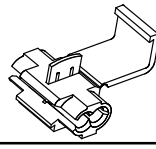
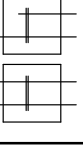

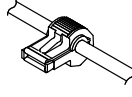



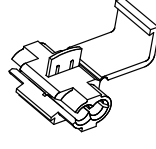



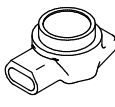
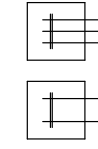
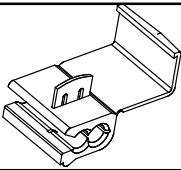
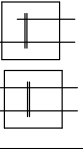

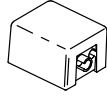

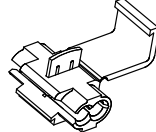

Federal Specification W–S–610
Commercial Packing Only

Type	Class	Kind	Style
II	I	cu	F

(Voltage rated at 600 volts maximum building wire: 1000 volts maximum, signs, fixtures and luminaires. Insulation temperature: 105°C (221°F). **Note:** Listed and Certified for AWG wire only.



inch
(mm)

	Part # Wire Range	Type of Connector	 Listed	 Certified		Part # Wire Range	Type of Connector	 Listed	 Certified
	314 22-14					567 12-10run 18-14tap			
	314 22-14					905 18-14run 22-18Tap			
	557 22-16					905N 18-14run 22-18Tap			
	558 22-16					951 22-18			
	560 18-14					952 18-14			
	560B 18-14					953 12			
	560N 18-14					UR 19-26 Solid			
	562 12-10					UB 22-26 Solid			
	564 18-14				NOTE: For complete wire combinations or other technical information see individual product information sheets or contact Technical Service.				

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3M Electrical Products Division

6801 River Place Blvd.
Austin, Texas 78726-4599

