

SCOTCHLOK® 560B IDC Electrical Tap Connector



Application:

Use part No. 560B 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 – polypropylene,
Color – blue

Weight:

.0032 lb. (1.45gm)

Engineering Specification:

Insulation Displacement Connector (as manufactured by 3M, part No. 560B) 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 for 600 Volts maximum building wire: 1000 Volts maximum, signs and fixtures and , and have a maximum insulating temperature of 90°C (194°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

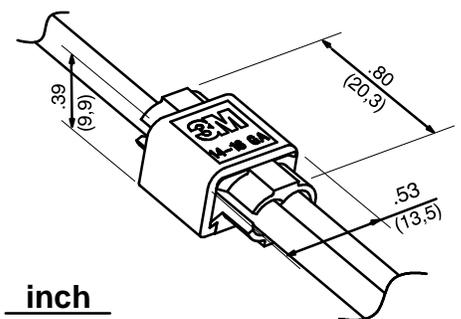
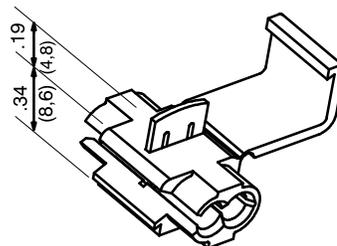
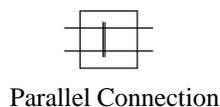
Regulatory Agencies:

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

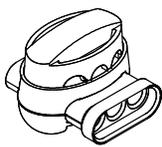
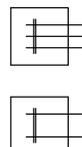
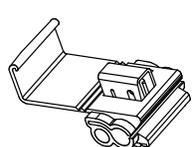
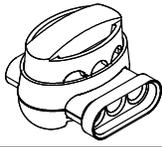
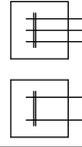
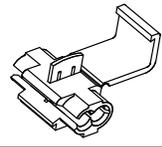
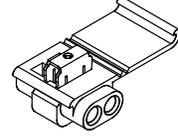
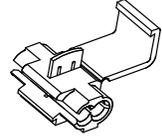
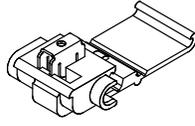
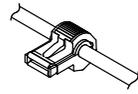
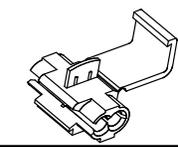
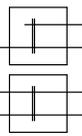
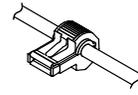
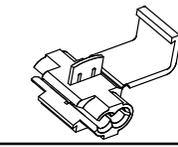
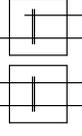
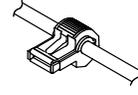
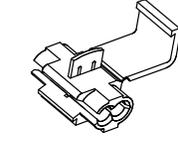
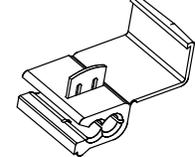
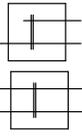
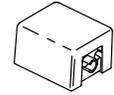
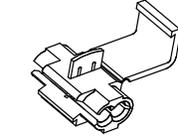
Federal Specification W–S–610
Commercial Packing Only

| Type | Class | Kind | Style |
|------|-------|------|-------|
| II | I | cu | F |

(Voltage rated at 600 volts maximum building wire: 1000 volts maximum, signs and fixtures. Insulation temperature: 90°C (194°F). **Note:** Listed 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 data sheets or contact Technical Service. | | | | |

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