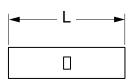
3M Scotchlok[™] Terminals

M18BC, M14BC, M10BC Butt Connector, Non-Insulated, Seamless



Data Sheet

| Product Number | Wire Range (AWG) | L | Thickness | Barrel Length | Barrel I.D. |
|-------------------|---------------------|------|-----------|------------------|----------------|
| M18BC | 22-18 | 0.63 | 0.031 | 0.28 | 0.062 |
| M14BC | 16-14 | 0.66 | 0.031 | 0.30 | 0.095 |
| M10BC | 12-10 | 0.81 | 0.038 | 0.38 | 0.142 |



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

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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 (Required)

Specifications

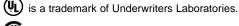
Wire Size: Barrel Seam: Maximum Current: Terminal Material: Terminal Plating: See Table Above Seamless Same as Wire ETP Copper Tin

Engineering Specification

Crimp-type terminals shall, electrically and mechanically, connect permanently to the pre-stripped end of two stranded copper wires.

The connector line shall offer barrel variations in wire (AWG) size (22-18, 16-14, 12-10) and construction (noninsulated brazed seam, vinyl insulated butted seam, nylon insulated seamless, etc...). The connector line shall have regulatory agency coverage (UL Listing, CSA Certification). The connectors shall be marked with the wire range and manufacturer's symbol (\uparrow). The non-insulated, seamless butt connector shall be tin plated, annealed copper, having a double-length, round seamless barrel with a center stop, sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

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IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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