

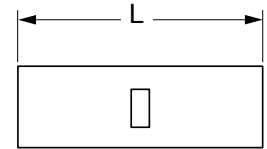


Data Sheet

3M Specialty Terminals

TNIB-4, TNIB-6, TNIB-8

Butt Connector, Non-Insulated, Brazed Seam



Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.
TNIB-8	8 AWG	0.81	0.050	0.38	0.175
TNIB-6	6 AWG	1.02	0.050	0.47	0.250
TNIB-4	4 AWG	1.13	0.075	0.53	0.280



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



CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. 22.2
NO. 0, 65
3M FILE NO. LR22190



Barrel Crimp (Required)

Installation Information

⚠ WARNING

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

Specifications

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

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

Strip away the end of wire insulation; 1/2 inch for 8 AWG, 9/16 inch for 6 AWG and 5/8 inch for 4 AWG.

Make the crimp in the proper station of a recommended 3M crimp tool: 3M TH-450 (for 8 & 6 AWG): (T & B) WT-115A, Burndy MY29-3.

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Engineering Specification

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

The connector line shall offer barrel variations in wire (AWG) size (8, 6, 4) and construction (non-insulated 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 (↑).

The non-insulated, brazed seam butt connector shall be tin-plated, annealed copper, having a double-length, round brazed seam barrel, with a center stop, sized for a specified (AWG) wire range (8, 6, 4).

Insulated connectors shall be UL Listed for 600 volts maximum, building wire: 1000 volts maximum, signs or fixtures and temperature rated 221°F (105°C) maximum.