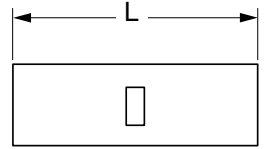


# 3M

## Specialty Terminals

64-W, 65-W, 66-W

Butt Connector, Non-Insulated, Brazed Seam



### Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.
64-W	8	0.81	0.050	0.38	0.175
65-W	6	1.02	0.050	0.47	0.250
66-W	4	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

### 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 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.

### Specifications

Wire Size:  
Barrel Seam:  
Maximum Current:  
Terminal Material:  
Terminal Plating:

See Table Above  
Braze  
Same as Wire  
ETP Copper  
Tin



 Barrel Crimp (Required)

## 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.

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### IMPORTANT NOTICE

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