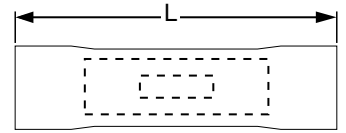




# Specialty Terminals

64-WP, 65-WP, 66-WP

Butt Connector, Vinyl Insulated, Brazed Seam



## Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
64-WP	8	1.40	0.050	0.38	0.175	0.385
65-WP	6	1.69	0.050	0.47	0.250	0.440
66-WP	4	2.12	0.075	0.53	0.280	0.515



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.

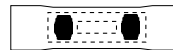
UL Listed and CSA Certified for use only on (AWG) stranded copper wire.


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: TH-450 (for 8 and 6 AWG); T&B WT-117A, die sets 11822, 8: 11823, 6:11824, 4.

## Specifications

Wire Size:	See Table Above
Barrel Seam:	Brazed
Maximum Voltage Rating:	600 V Building Wire: 1000 V Signs or Fixtures (Luminaires)
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	ETP Copper
Terminal Plating:	Tin



 Barrel Crimp (Required)

## 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 (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 vinyl insulated, brazed seam butt connector shall be tin-plated, annealed copper, having a double-length, round brazed seam barrel with a center stop, covered by a molded vinyl sleeve, color coded and sized for a specified (AWG) wire range (8, 6, 4).

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

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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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