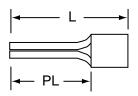
Scotchlok[™] Terminals

MU18-47P, MU14-47P, MU10-55P Pin, Non-Insulated, Butted Seam



Data Sheet

Product Number	Wire Range (AWG)	Pin Diameter	L	Barrel Length	Barrel I.D.	PL
MU18-47P	22-18	0.080	0.73	0.25	0.070	0.47
MU14-47P	16-14	0.080	0.73	0.25	0.090	0.47
MU10-55P	12-10	0.110	0.81	0.25	0.135	0.55



Specifications

Wire Size: See Table Above Barrel Seam: Butted

Max. Volt. Rating: 600 V Building Wire

> 1000 V Signs or Fixtures (Luminaires)

Maximum Current: Same as Wire ETP Copper Terminal Material: Tin

Plating:

Installation Information

△WARNING

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

UL Recognized for use on stranded coppper (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)

Engineering Specification

Crimp-Type pin terminals shall, electrically and mechanically connect to a prestripped end of a stranded copper wire: and have a round pin portion for mounting under under a screw, stud or inserting in a compatible terminal block.

The pin terminal line shall offer barrel variations variations in wire size 22-18 AWG, 16-14 AWG, 12-10 AWG and construction (non-insulated butted seam, nylon insulated with insulation grip, etc...) The terminal line shall have regulatory agency coverage (UL Recognized). The terminal shall be marked with the wire range and the manufacturer's symbol. (1)

The Non Insulated Butted Seam Pin Terminal shall be tin plated, annealed copper, with a pin having a specified length and diameter.

Non-insulated connectors shall be UL Recognized for 600 volts maximum, building wire: 1000 volts maximum, signs, fixtures or luminaires.

3M and Scotchlok are trademarks of 3M.

1 is a trademark of Underwriters Laboratories.

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.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.



Electrical Products Division

6801 River Place Blvd. Austin, TX 78726-9000 800 245 3573 http://www.3M.com/elpd

Litho in USA. © 3M 2002 78-8125-9791-8-A