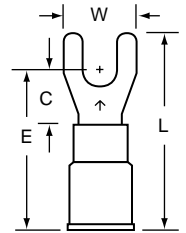




Scotchlok™ Terminals

MNG24-0F thru MNG10-10F

Standard Fork, Nylon Insulated with Insulation Grip



Data Sheet

Product Number	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
MNG24-0F*	26-24	0	0.13	0.12	0.46	0.40	0.020	0.13	0.030	0.093
MNG24-4F*	26-24	4	0.20	0.21	0.61	0.49	0.020	0.14	0.030	0.093
MNG24-6F*	26-24	6	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093
MNG18-6F	22-18	6	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145
MNG18-8F	22-18	8	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145
MNG18-10F	22-18	10	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145
MNG14-6F	16-14	6	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170
MNG14-8F	16-14	8	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170
MNG14-10F	16-14	10	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170
MNG10-6F	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250
MNG10-8F	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250
MNG10-10F	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250

*Not UL Listed or CSA Certified.



LISTED 314R
UNDERWRITERS
LABORATORIES
STANDARD NO. UL 486A
3M FILE NO. E23438



CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. C22.2
NO. 0. 65
3M FILE NO. LR22190

Specifications

Wire Size:
Barrel Seam:
Max. Voltage Rating:

Max. Operating Temp.:
Max. Current:
Insulator Material:
Terminal Material:
Insulation Grip Material:
Plating:

See Table Above
Butted with Insulation Grip
600 V Building Wire
1000 V Signs, Fixtures
and Luminaires
221°F (105°C)
Same as Wire
Nylon
ETP Copper
Brass
Tin

Installation Information

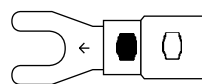
⚠ WARNING

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-482, TR-490 (ratchet style) hand tools.



- Barrel Crimp (Electrical)
- Insulation Crimp (Mechanical)

Engineering Specification

Crimp-type terminals shall, electrically and mechanically, connect to a pre-stripped end of a stranded copper wire: and have a flat tongue portion with a central opening for mounting around a screw or stud.

The terminal line shall offer tongue variations in hole (stud) size (6, 8 10, etc.) and configuration (ring, fork, block fork, flanged block fork, locking fork, etc.): and barrel variations in wire (AWG) size (26-24*, 22-18, 16-14, 12-10, etc.) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated with insulation grip, etc.). The terminal line shall have regulatory agency coverage (UL Listing, CSA Certification). The terminal tongue shall be marked with the wire range and manufacturer's symbol (↑).

The nylon-insulated, standard fork terminal with insulation grip shall be tin-plated, annealed copper, with the tongue having a specified stud slot (size 0 thru 10) and a butted seam barrel with a tin plated brass, funnel entry insulation grip, covered by a molded nylon sleeve, color coded and sized for a specified (AWG) wire range (26-24*, 22-18, 16-14, 12-10).

Insulated terminals shall be UL Listed and CSA Certified for 600 Volts maximum building wire: 1000 Volts maximum in signs, fixtures and luminaires and have a maximum operating temperature of 221°F (105°C).

*Not UL Listed or CSA Certified.

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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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Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
<http://www.3M.com/elpd>

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