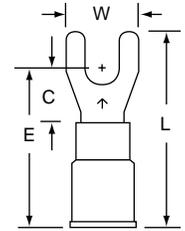




# Specialty Terminals

30-0-NB thru 33-10-NB

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
30-0-NB*	26-24	0	0.13	0.12	0.46	0.40	0.020	0.13	0.030	0.093
30-4-NB*	26-24	4	0.20	0.21	0.61	0.49	0.020	0.14	0.030	0.093
30-6-NB*	26-24	6	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093
31-6-NB	22-18	6	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145
31-8-NB	22-18	8	0.34	0.29	.089	0.73	0.030	0.25	0.070	0.145
31-10-NB	22-18	10	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145
32-6-NB	16-14	6	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170
32-8-NB	16-14	8	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170
32-10-NB	16-14	10	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170
33-6-NB	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250
33-8-NB	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250
33-10-NB	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

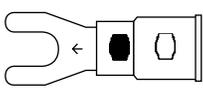
### **⚠ WARNING**

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

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