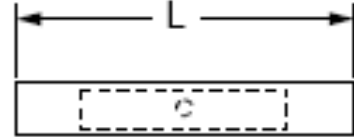


3M™ Specialty Terminals

60-SN-A, 61-SN-A, 62-SN-A, 63-SN-A

Butt Connector, Nylon Insulated,
Seamless



Data Sheet

May 2008

| Product Number | AWG (mm ²) Wire Range O.D. | L | Thickness | Barrel Length | Barrel I.D. | Maximum Insulation Diameter |
|----------------|--|------|-----------|---------------|-------------|-----------------------------|
| *60-SN-A | 26 – 24 | 0.79 | .025 | .20 | .050 | .08 |
| 61-SN-A | 22 – 18 | 1.08 | .034 | .26 | .065 | .12 |
| 62-SN-A | 16 – 14 | 1.08 | .034 | .26 | .090 | .15 |
| 63-SN-A | 12 -1 0 | 1.08 | .041 | .33 | .135 | .21 |

*Not UL Listed

Specifications

| | |
|--------------------------------|---|
| Wire Size: | See Table Above |
| Barrel Seam: | Seamless |
| Insulator Max. Voltage Rating: | 600 V Building Wire or 1000 Volts Signs or Fixtures (Luminaires) |
| Maximum Operating Temp: | 221°F (105°C) |
| Maximum Current: | Same as Wire |
| Insulator Material: | Nylon |
| Terminal Material: | Copper |
| Terminal Planting: | Tin |

Agency Approval
Self Certification

UL Listed 20U0 wire connector.



3M

Installation Information

WARNING

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


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

Strip Length:
26-14 AWG – 5/16 in. Max.
12-10 AWG - 3/8 in. Max

Make the crimp in the proper station of a recommended 3M™ Scotchlok™ Crimp Tool: TR-490 (ratchet style) hand tools.

For the 60-SN-A, use the 3M™ Scotchlok™ Crimp Tool TH-450.



 Barrel Crimp (Required)

Engineering Specification

The connector line shall offer barrel variations in wire (AWG) size (26-24, 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).

The 3M™ Nylon Insulated Seamless Butt Connector shall be tin-plated, copper, having a double-length, round seamless barrel, with a center stop and a close fitting nylon tube covering, color coded and sized for a specified (AWG) wire range (26-24, 22-18, 16-14 and 12-10).

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

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