

# DELUXE II Foot Operated Switch

## WIRING

1. **WARNING: TO AVOID PERSONAL INJURY, DO NOT USE THIS SWITCH ON MACHINERY WITH AN UNGUARDED POINT OF OPERATION.**

**READ WARNING STATEMENT** on reverse side of this page.

2. When wiring up this device make sure **POWER IS OFF AND LINES ARE DEAD.**

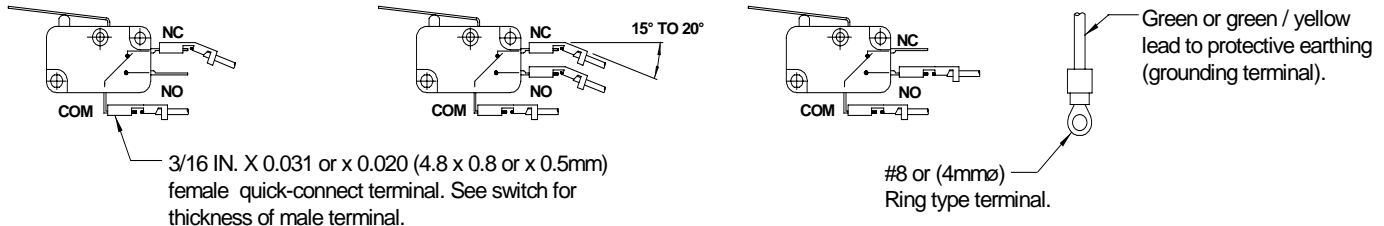
3. **MAXIMUM FUSE RATING:** Amperage and voltage not to exceed nameplate rating – Quick Acting.

4. Supply cord with flexible conductors (leads) to be prepared as shown. **(See Diagram "A")**

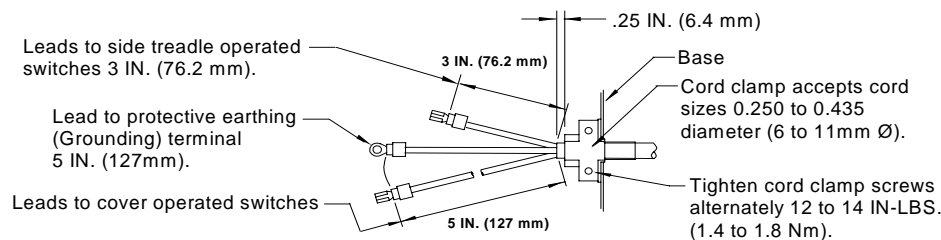
Supply cord with prepared flexible conductors. Use special purpose crimping tools to apply quick-connect and ring terminal to conductors.

When wiring up to the normally closed (N.C.) terminal only or to the normally closed (N.C.) and normally open (N.O.) terminals of the same snap switch, bend terminal to approximately 15° to 20° angle and insert all terminals face down as shown.

**FOR CE MARKED FOOT SWITCHES NOTE THE FOLLOWING:** The grounding conductor must be green/yellow in color and be long enough such that the grounding terminal will be the last terminal to take the strain, should the strain relief fail. A cord guard or bend relief must be provided that extends beyond the cord clamp at least five times the overall diameter of the flexible cord.



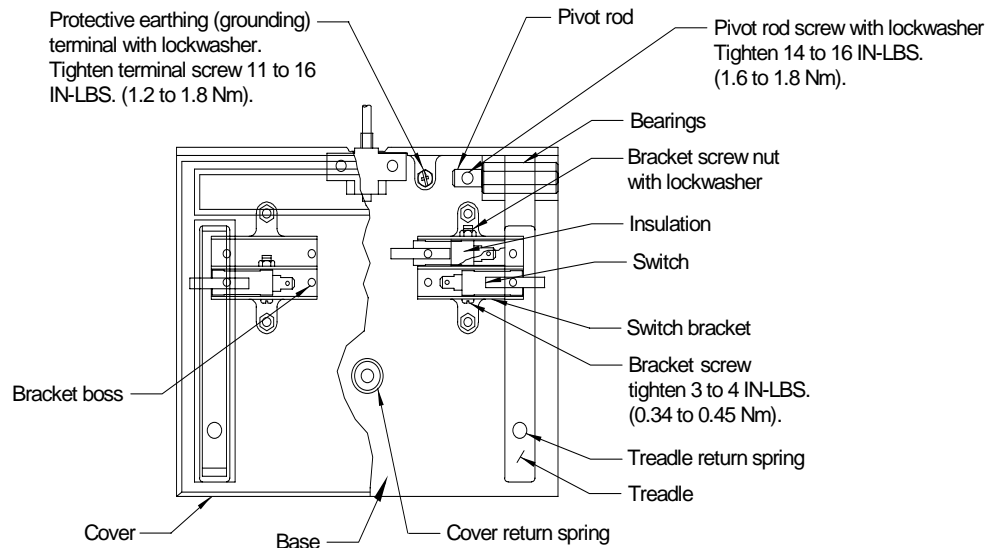
**DIAGRAM "A"**



5. Remove pivot rod screws that are accessible through the 3/8 in (9.5 mm) diameter holes located in bottom of base. Remove cover and cover return spring. **PLEASE NOTE** how the switches and all internal components are oriented prior to removing switches for wiring. To facilitate wiring, remove the side treadle bar(s) by sliding out one bearing and centering the second bearing in the treadle bar, using the pivot rod as a tool. Remove the switches from bracket(s) **BUT DO NOT** remove the bracket(s) from the base. **(See Diagram "B")**.

6. Assemble supply cord to cord clamp as shown in **Diagram "A"** and connect inner conductors (leads) of the cord to the appropriate switch terminals and re-assemble. **MAKE SURE** switches bottom on bracket bosses after assembly. Re-assemble side treadle bar(s) with return spring(s), bearings and pivot rods.

**DIAGRAM "B"**



7. Re-assemble cover return spring and cover to base with pivot rod screws. Use holding screwdriver to insert and start driving the screws.

8. **CLEANLINESS** must be observed during installation and in use.

On a **REGULAR BASIS**, inspect foot switch frequently to guard against wear, damage, and unlawful alterations or for unusual enclosure deterioration and the like. Inspect the entire length of the connecting cord (or wiring system) from where it enters the foot switch to the equipment it's wired up to for wear, loose cord clamp and the like. **DO NOT OPERATE** the foot switch if any of the above is observed or if the nameplate or warning labels have been obscured or removed.

It is **IMPERATIVE** that inspection authorities and users exercise more than ordinary care with regard to installation and maintenance and that this information sheet be made available to the end user, operators, maintenance personnel and to others responsible for the proper installation and safe operation of this foot switch.

**ADDITIONAL COPIES** of this information sheet and warning labels are available upon request.

# WARNING

## **USE OF FOOT CONTROLS ON MACHINERY LACKING EFFECTIVE POINT OF OPERATION SAFEGUARDS CAN CAUSE SERIOUS INJURY TO THE OPERATOR.**

Foot controls should only be used where “Point of Operation” and “Pinch Point” guarding devices have been properly installed and are utilized so that it is **IMPOSSIBLE** for the operator’s hands or fingers to remain within the point of operation during the machine cycle.

**IT IS THE RESPONSIBILITY OF THE USER** to determine the suitability of a foot control for the user’s intended use and to determine that the foot control chosen by the user and wiring up and installation of the same will comply with all Federal, State and Local safety and health regulations and codes.

Due to the unlimited variety of business equipment, instruments, machines and vehicles on which our foot switches are used, the thousands of standards, and customers’ varying interpretations of the standards covering these applications, it is impossible for **LINEMASTER** personnel to be experts on standards and requirements for all these products. We offer over 150 stock foot switch models and guards plus a large variety of specials, which are made to customer specifications. We can advise you what is available in our foot switch line and you can examine models to see what meets your needs. We believe our customers’ engineering departments should be the qualified experts in their own product field and know what specifications or details they require in a foot switch for their equipment. If one of our stock models meets their needs, they can specify it, or possibly ask for a modification of a stock model if that is required.

## **SHOULD YOU HAVE ANY QUESTIONS OR IF ANY OF THE ABOVE WARNING IS UNCLEAR, PLEASE CALL LINEMASTER SWITCH CORPORATION.**

(860) 974-1000; FAX (860) 974-0691 OR (800) 974-3668. [www.linemaster.com](http://www.linemaster.com)

**READ INSTRUCTIONS** on reverse side of this page.

### **DEFINITIONS:**

**POINT OF OPERATION** - The point or area of the machine or equipment where the work piece or material is actually positioned and work is being performed during any process such as cutting, shearing, punching, forming, welding, riveting, assembling, etc.

**PINCH POINT** - Any point at which it is possible for a portion of the body to be caught and injured between moving machine or equipment or work piece parts.

## Form #968-D10

### NOTE:

BLACK PRINTING ON 8.5" x 11" WHITE PAPER.  
FOLDED SIZE: 4.125" x 2.875" WITH WARNING OUT.  
BOTH SIDES OF FORM MUST BE ORIENTED THE SAME.

---

### REVISIONS:

LEVEL	DATE:	DESCRIPTION
A	1-9-98	REDRAWN (ECN 000796) (WBN)
B	1-5-99	REVISED TO ACCOMMODATE CE. (ECN 001902) (TJF)
C	08-17-00	REVISED TO SHOW STRAIN RELIEF. REVISED NOTE REGARDING CE MARKED SWITCHES. ADDED <a href="http://www.linemaster.com">www.linemaster.com</a> TO SHEET #2 (ECN 006802) (KWH)
D	10-30-01	REVISED 10 TO 16 TO BE 11 TO 16 IN DIAGRAM "B". (ECN 004507)(JTL)
E	01-14-03	ADDED MAXIMUM FUSE RATING STATEMENT. (ECN 008001)(JTL)
F	06-18-09	See revision page @ F:\Files\Revision Pages\968