

CLASSIC 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 form #534-G19.
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. When wiring up this device with flexible cord an **UNDERWRITERS LABORATORIES LISTED** liquid tight connector **MUST BE** provided. Use appropriate pipe thread sealant at assembly to seal connector threads. When threading into conduit opening, **CARE** must be taken to tighten the threaded joint sufficiently to prevent loosening but should **NOT BE FORCED.** The conduit threads should be kept clean; free from dirt and foreign materials that would hinder proper installation.
5. Supply cord with flexible conductors (leads) to be prepared as follows: (See Diagram “A”) Use special purpose crimping tools to apply flanged spade, female quick-connect or ring terminals.
FOR CE MARKED FOOT SWITCHES, PLEASE 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 liquid tight cord connector at least five times the overall diameter of the flexible cord.
6. **WIRING PROCEDURE:**
 1. Remove the four baseplate mounting screws and disassemble the baseplate from the housing. (See Diagram “A”)

CAUTION: DO NOT remove the two screws that mount the snap action switches to the baseplate. These are marked with red paint.
 2. Connect the wires to the appropriate switch terminals.
CAUTION: Keep any bare wires or bare terminal connections a safe distance from each other and from the other conductive surfaces such as the baseplate and housing.
 3. Secure the ground wire to the ground screw located on the baseplate.
 4. Reassemble the baseplate to the housing using the four mounting screws. **CAUTION:** Be certain that the insulation used on the switch are oriented as shown and are not pinched between baseplate and housing (See Diagram “B”) and that the gasket is properly located between the housing and the baseplate.
 5. Tighten the mounting screws such that an effective seal is obtained with the gasket. (See Diagram “A”)
 6. For Single Pole-Double Throw models, test the foot control to verify that the switch operates properly.
 7. For Double Pole-Double Throw models; test the foot control to verify that both switches operate close enough to each other to give an acceptable approximation to double throw action. The operating position of this foot control is adjusted at the factory. If further adjustment is required or if sequential operation of the two Single Pole-Double Throw switches is desired, loosen both screws (**XX, YY**) and move the screw (**XX**) in the slot until the desired operating position is achieved (See Diagram “A”). Retighten the screws 4 to 6 IN-LBS (0.45 to 0.68 Nm) and check for correct operation.

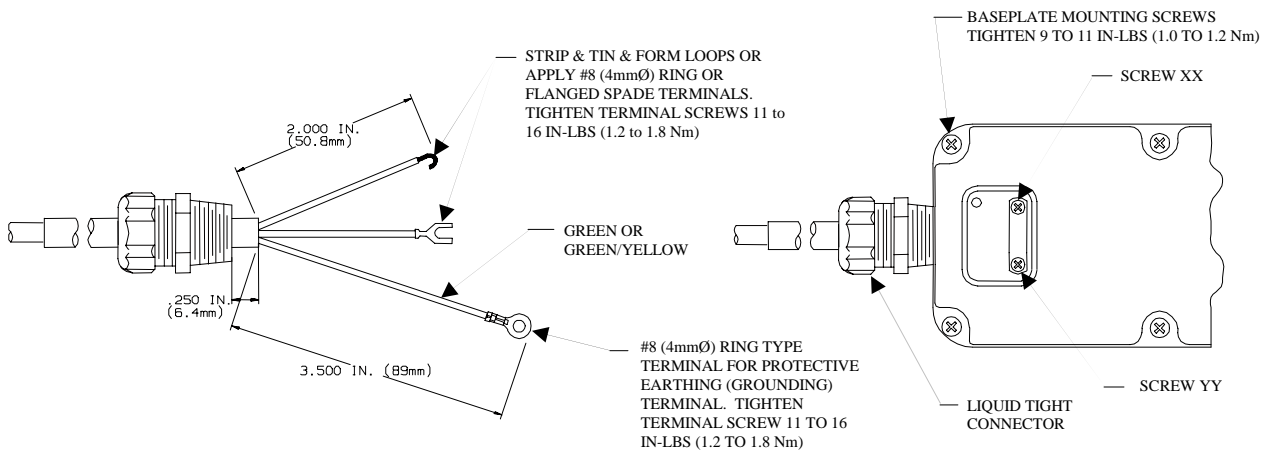


DIAGRAM “A”

CAUTION: If switches have to be removed from the baseplate, be certain to replace them in the correct orientation as shown. In the models with two single pole-double throw switches, the normally closed terminals are not one above the other. (See Diagram “B”)

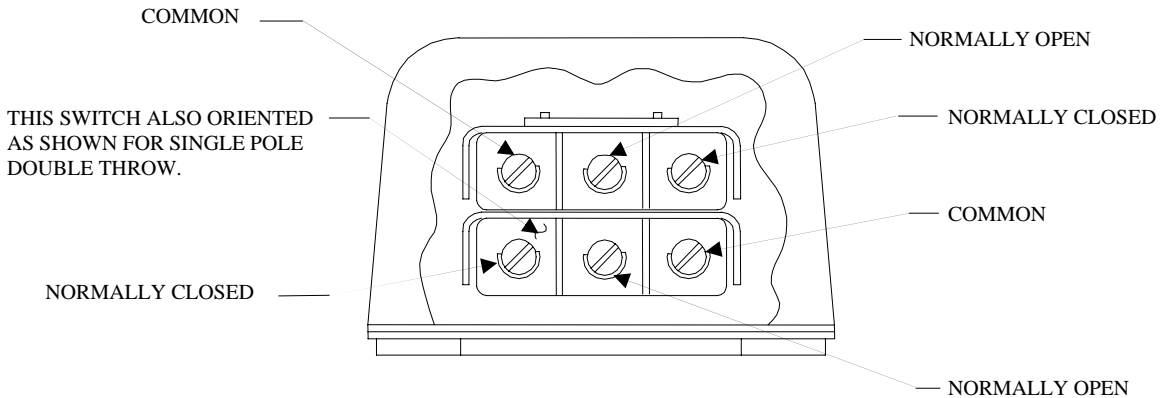


DIAGRAM “B”

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

On a **REGULAR BASIS**, lubricate the treadle hinge rod, the actuator button and the actuator rod (this passes through the bearing).

On a **REGULAR BASIS**, inspect foot switch frequently to guard against wear, damage, unlawful alterations or removal of guards, 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 its wired up to for wear, loose strain relief connections and the like. **DO NOT OPERATE** the foot switch if any of the above is observed or if the nameplate or warning label has been obscured or removed.

It is **IMPERATIVE** that the 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, and 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.

Form #977-M

NOTE:

BLACK PRINTING ON 8.5" x 11" WHITE PAPER.
FOLDED SIZE: 5.500" x 4.250" WITH WARNING OUT.
BOTH SIDES OF FORM MUST BE ORIENTED THE SAME.

DR: JTL DATE: 08-08-01 APPV.: RDC DATE: 08-08-01

REVISIONS:

LEVEL	DATE:	DESCRIPTION
E	08-08-01	Redrawn. (ECN 004507)(JTL)
F	07-17-02	Revised to remove warning sheet (ECN 009582)(CAV)
G	01-10-03	Added Maximum Fuse Rating statement. (ECN 008001)(JTL)
H	06-18-09	See revision page @ F:\Files\Revision Pages\977