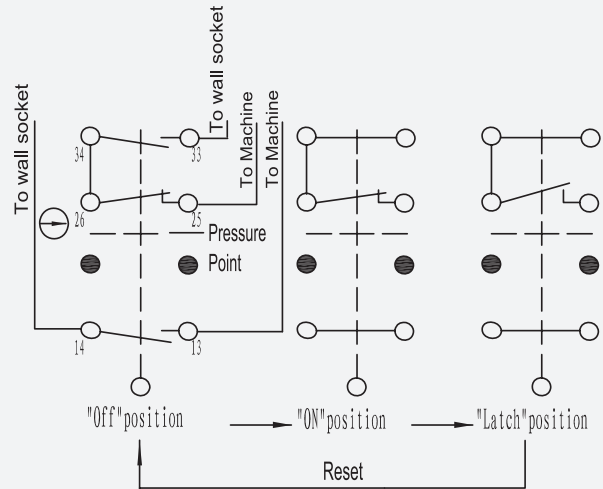


FS-6 Series Safety Foot Switches with Emergency Stop

Features

This is a special design foot switch with two stage momentary contacts. There is noticeable resistance between stage one and stage two. When pressing the pedal without reaching the pressure point, the foot switch operates in the normal model. In case of emergency, the user depresses the foot pedal even harder instead of releasing the pedal. This special safety foot switch will break the electrical contact and lock. The manual reset button needs to be pushed before it can operate in normal model again. This can quickly prevent damage to the machine or injury to human life.

Wiring Diagram

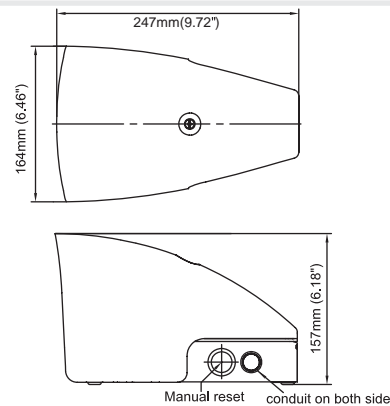


Operating Sequence:

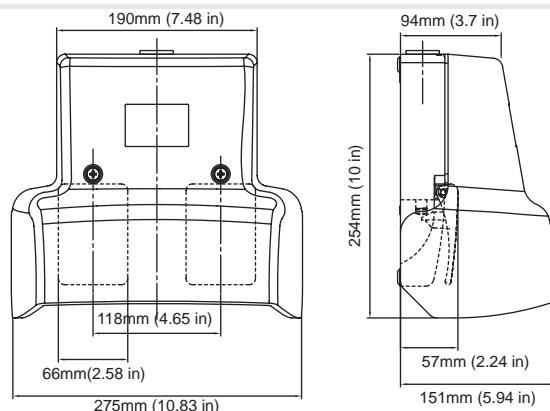
- "OFF"** **Step 1:** The pedal is not depressed. The contacts are open. The machine is turned off.
- "ON"** **Step 2:** To start the machine, the pedal must be depressed until the "pressure point", where resistance is noticeable.
- "EMERGENCY - OFF"** **Step 3:** In an emergency, if the pedal is depressed beyond the pressure point, the machine will stop. Beyond the pressure point, the contacts are locked in the "OFF" - Position. The machine cannot operate at this time. Note: The machine can also be stopped by releasing the pedal instead of depressing harder. (Back to Step 1)
- "RESET"** **Step 4:** The push button on the side of the foot switch must be pushed by hand to enable the foot switch to start the machine function again.
- "ON"** **Step 5:** Return to condition described in Step 2.

Dimensions:

FS-61G-SP-_R



FS-62G-SP-_R



FS-61G-SL1-R Series Safety Foot Switches

Features

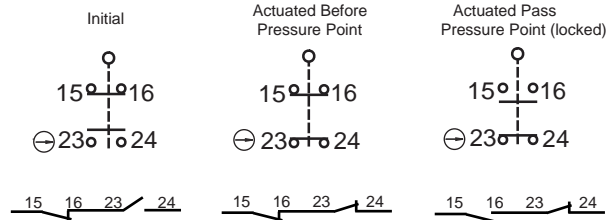
- Robust aluminum alloy die cast body
- Choice of different type of contact blocks
- Galvanically separated contacts
- Double break contacts
- Screw terminals with self-lifting clamps for easy wiring
- Positive opening of NC contacts
- Safety reset option available
- UL/CSA approval(E216958)
- Threaded hole available in:
PG13.5, M20x1.5 and 1/2NPT

Specifications

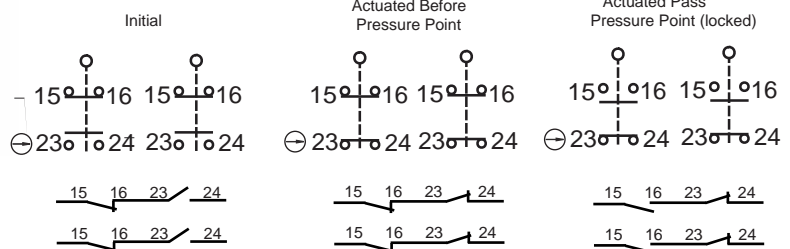
Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	10A/600V AC A600/AC15 Q300/DC13
Inrush Current	Complies with IEC947-5-1: AC15/DC13
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 1 x 10 ⁶ (operations) Electrically 5 x 10 ⁵ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IP68, NEMA type 6, 6P

Contact Diagram and Wiring Diagram:

FS61G-SL1-R



FS61G-SL1-T-R



Dimensions (mm)

