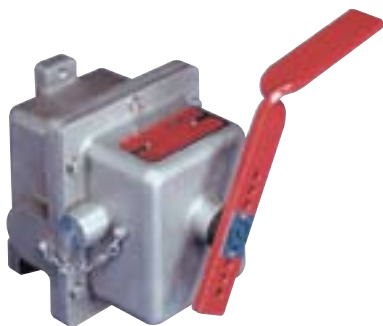


# Model SS Safety Stop Switch

Quick, positive "Stop" switch for emergency use, or for normal shut-off. A must for safety minded operators of conveyors, production lines, elevator equipment, material handling systems, cranes, assembly lines, mines, quarries, or any other equipment requiring positive safety shutdown.



## EXCLUSIVE FEATURES:

1. The Model SS is equipped with a positive safety lock feature. Unlike competitive models, it can't be reset by an accidental brush or bump against either the actuating arm, or cable eye. In order to reset the switch the actuating arm must be pushed in, AND turned. It takes no longer and it makes this truly a "safety" switch.
2. One SP/DT switch controls cable for two directions. (Available w/2 - SP/DT switches)
3. We offer field adjustable actuating force. Simply by changing cable position on the actuating arm the operating force is varied.
4. Lowest cost per foot of protection (one switch provides 200' of coverage). Our construction means fewer switches are needed and less wiring is required.
5. Switch is also available with its own warning light. (optional)
6. Heavy duty corrosion resistant aluminum casting is designed with easy installation and maintenance in mind.

## SAFETY STOP SWITCHES:

- SS-1 . . . One switch - no light
- SS-2 . . . Two switches - no light
- SS-2L . . . Two switches with light .
- SS-1X . . . Explosion proof - one switch - no light .
- S-2X . . . Explosion proof - two switches - no light

## SAFETY STOP SWITCH ACCESSORIES:

- SS-25 . . . Vinyl coated cable
- SS-26 . . . Nylon coated cable
- SS-27 . . . Cable support eyebolt 1/2"x6" plated, w/2 nuts & 1 lock washer
- SS-28 . . . Cable end fittings
- SS-29 . . . 3/4" conduit plug
- SS-30 . . . Mounting bracket

## PRINCIPLE OF OPERATION:

A cable is run from a fixed point to one of the attaching positions on the actuating arm. A pull on the cable at any point along its run will rotate the arm 60°. Two spring loaded detents riding on a hardened steel cam provide the resistance to arm rotation.

When an actuation force overcomes this resistance the cam rotates 60° and is locked into place by a spring plunger. To be reset, the actuation arm must be pushed in and rotated. When locked into position it acts as a flag to indicate a tripped switch.

## TECHNICAL INFORMATION:

**STANDARD CONSTRUCTION:** Rubber gaskets seal unit for outside applications listed by Underwriters Laboratories for NEMA 4 dust-tight and raintight construction. Applies to units SS-1, SS-2 and SS-2L. Explosion Proof models meet NEMA 7 class I, groups C and D, and NEMA 9 class II, groups E,F,G for hazardous locations.

**HOUSING:** Aluminum. Epoxy coating available.

**CONDUIT OPENING:** 3/4" NPT standard, 1" NPT optional. Standard units have three conduit openings, explosion proof have one at the bottom.

**ACTUATING ARM:** Red epoxy coated steel handle with stainless steel shaft.

**INTERNAL CAM AND WEAR PLATE:** Hardened steel.

**EXTERNAL HARDWARE:** Stainless steel.

**SWITCHES:** SP/DT micro switch. Rated 20 amp at 125, 250 or 480 VAC.

PC CONVEYOR SAFETY STOP SWITCH

SS CABLE OPERATED SAFETY STOP SWITCH

MODEL 16 BELT ALIGNMENT SWITCH

MODEL SRC SPEED RESPONSIVE SWITCH

FLOW SWITCH

BRUSH TYPE CONVEYOR BELT CLEANER

COIL SPRING CONVEYOR BELT CLEANER

RUBBER WIPER BLADE BELT CLEANER

PLOW TYPE CONVEYOR BELT CLEANER

CONVEYOR HOODS

BIN AERATORS

TERMS AND CONDITIONS

