

Altech Corp.® Safety Switches

by  BERNSTEIN

Keyed Interlock Switches



Safety switches with separate keyed actuators provide a failsafe switch function, indicating the position of guarding access points. These are typically use on hard guarding gates, panels and doors. The switches are normally mounted on the fixed frame of the machine. The actuator key mounts on the door. When the door is closed the key is inserted into the switch, closing the normally closed safety contacts.

SKT Series

SKI Series

SKC Series

SK Series

ENK Series

ENM Series

GC Series



Plastic Body
30x83x27mm

Plastic Body
31x100x31mm

Plastic Body
52x75x33mm

Plastic Body
52x990x33mm

Plastic Body
40x130x40mm

Metal Body
40x119x42mm

Metal Body
36x126x33mm

Keyed Safety Solenoid Locking Switches



Due to inertia some machines may continue to run after their power is removed. This can create a situation where it is possible to access the hazardous areas of the machine when they are still in a dangerous state. The solution to this problem is to lock the hard guarding access door closed until the machine is given enough time to wind down. The SLK and SLM series have a built in solenoid which can lock (or unlock) the activation key into the switch, preventing the door or gate from being opened.

SLK Series

- Plastic Body
- 43x170x45mm
- Power to lock or power to unlock versions
- Power supplied separately to the locking solenoid
- 24VAC/DC or 110-220VAC solenoid voltage
- 1 safety contact block monitors key position
- 1 safety contact block monitors locking function
- Auxiliary lock override on normally locked versions

SLM Series

- Metal Body
- 90x141x50mm
- Power to lock or power to unlock versions
- Power supplied separately to the locking solenoid
- 24VAC/DC or 110-220VAC solenoid voltage
- 1 safety contact block monitors key position
- 1 safety contact block monitors locking function
- Auxiliary lock override on normally locked versions



Safety Hinged Switches

SHS



SHS3



Safety Hinged Switches combine the function of a load bearing hinge with a Category 4 (PIe) rated safety switch. They are easy to install and tamper resistant. Since they do not use an actuation key, there are no alignment or bend radius issues and they cannot be defeated with an extra key. The SHS series is available with 1 NC or 1 Changeover contact. The new SHS3 offers 2 NC/1 NO contacts. Safety Hinged switches are available with the cable attached or with an M12 connector.

Non-Contact Safety Switches

RFID



Magnetic



Non-Contact Safety Switches are easy to install and offer wear free, control reliable switching which is vibration resistant and easy to clean. Both magnetic and RFID versions are available. The RFID types are available in unique or multiple coding with on board diagnostics. These units offer an OSSD solid state output, which can be used with a safety relay or for standalone applications. Remote monitoring through a separate diagnostic channel is available. Up to 32 switch can be run in series using plug in connectors.

Safety Rope Pull Switches

**SR Series
Plastic
Body**



**SRM Series
Metal
Body**



Safety Rope Pull Switches are designed to provide access to e-stop capabilities over the entire length of the rope. We offers two versions of Safety Rope Pull Switches. The SR has a plastic body and is designed for use with extruded rail systems. The SRM has a metal body and is designed for use in more rugged applications like machine and conveyor systems. These switches may be used to control power circuits directly or as part of a safety circuit chain. They feature a latching operation with manual reset button and optional built in e-stop button. Standard Rope Pull Switches are used to control signals and are typically used for safety and initiation applications.

Standard Rope Pull Switch Series

SI88

SEK

SEM

SIEM

SD

SID

SID

SIN



Plastic Body
Momentary
31x115x31mm

Plastic Body
Momentary
40x137x40mm

Metal Body
Momentary
40x142x42mm

Metal Body
Latching
40x164x42mm

Metal Body
Momentary
82x122x44mm

Metal Body
Latching
82x176x68mm

Metal Body
Latching
82x198x68mm

Metal Body
Latching
90x269x98mm

Learn More @

www.altechcorp.com/bernstein/safety.html

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