**Description**

Safety Switch with positive opening normally closed contacts which can only be activated with a specially designed mating key that protects against unintended operation.

**Features**

- Easy installation
- Actuator head can be oriented to 4 different approach directions quickly and easily
- Positive opening of the normally closed contacts for safety
- UL/CSA listed
- NEMA-4 rating
- Easy wiring access
- 3 cable entry holes with PG11 threads
- 1/2” NPT conduit adaptor supplied with switch - part #399-8000-116
- Strain relief adaptors are available to order - part # 323-0211-089

**Mechanical Features**

Enclosure: Thermoplastic, glass fiber reinforced

Actuator: Separate Actuator, Aluminum (M5 dia mounting holes) with plastic snap cover

Switch 2 x M5 round and 2 x M5 Mounting: elongated holes

Operational Temperature: -30°C/+80°C (-22°F/+176°F)

Contact Type: 1 N.O. -1 N.C. with forced disconnect of N.C. contacts

Mechanical Life: 1 million switch operations

Protection: IP 65/Nema 4

Termination: 4 screw terminal connections M3.5 screws

**Electrical Features**

Rated Voltage: 500V AC max.

Rated Current: 10 A max. sustained current

CSA: 10A, 300VAC, A300, same polarity

Utilization Categories per IEC 945-5-1,

AC = 15

DC = 13

**Approvals**

UL/CSA

**Standards**

VDE 0113
VDE 0660 Part 200
IEC 947-5-1
GS-ET 15

**Safety Switch Contacts with Key Installed**

Special wiring for the safety-interlock switch to prevent tampering. The N.O. contact 23-24 short circuits the coil of the motor starter (M) with key removed. If the N.C. contact 11-12 were jumpered, the fuse would blow when the key is removed from the switch and an attempt is made to restart the circuit.

**Note:** Fuse to be 10 Amp slow acting or 16 Amp fast acting type.
Actuation Directions

- 4 approach directions by changing the cap’s position A or B.
- Cover 1. has to be opened before changing cap 2.
- Insert the screwdriver point into the separable gap housing and rotate screwdriver (until the cap unlocks) 3.
- Remove the cap and according to picture 4 turn around 180° to put into housing and close the cover to lock cap.
- Radical actuation will reduce the mechanical life of the switch. Observe the minimum radius as shown in the Actuator Mounting directions.
- Unused key slots covered with plastic insert.

Switching Diagram

Contact Operation

Actuator

Extended  mm

Actuator

Retracted

On

Off

11 - 12

23 - 24
m x .0394 = inches
Actuator Mounting

[Diagram of actuator mounting components]

1. [Component A]
2. [Component B]
3. [Component C]
4. [Component D]
5. [Component E]
6. [Component F]
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