

Safety detection solutions

Safety interlock switches

Key-operated with solenoid, turret head (1)

XCSLF metal, connector output

Type of switch Locking on de-energization and unlocking on energization of solenoid (2)



LED indication Orange LED: "guard open" indication
Green LED: "guard closed and locked" signaling

Power supply for the solenoid and the LEDs 24 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)

Type of auxiliary contact actuated by the solenoid (locking contacts). Contact states represented with actuating key inserted and solenoid not energized.	1 NC + 2 NO break before make	2 NC + 1 NO break before make	3 NC simultaneous

References of switches without actuating key (3) (⊖ NC contact with positive opening operation)

Types of main contact actuated by the key

Contact states represented with actuating key inserted

With 19-pin (6 contacts) M23 connector output

3-pole contact 1 NC + 2 NO break before make, slow break		XCSLF353531M3 ⊖	-	-
3-pole contact 2 NC + 1 NO break before make, slow break		-	XCSLF373731M3 ⊖	-
3-pole contact 3 NC simultaneous, slow break		-	-	XCSLF383831M3 ⊖
Weight (kg)		1.100	1.100	1.100

Solenoid and LED characteristics

Load factor	100%
Rated operational voltage (4)	24 V $\overline{\text{---}}$ or \sim
Voltage limits	Conforming to EN/IEC 60947-1 - 15%, + 10% of the rated operational voltage (including ripple on $\overline{\text{---}}$)
Consumption	< 5.4 W at 20 °C and max. voltage

References of switches with locking on energization and unlocking on de-energization

To order a safety interlock switch with locking on energization and unlocking on de-energization of the solenoid, replace the fifth number in the selected reference with 5.

For these models, the auxiliary contact states are represented with key inserted and solenoid energized.

Example: XCSLF373731M3 becomes **XCSLF373751M3**. Some references with locking on energization may not be available.

References of actuating keys and separate parts

See page 64.

(1) Head adjustable in 90° steps through 360°. Blanking plug for operating head slot included with switch.

(2) A key-operated lock (two keys included with switch) enables forced opening of the interlocking mechanism by authorized personnel, allowing withdrawal of the actuating key and subsequent opening of the NC safety contacts (auxiliary release).

(3) Actuating keys to be ordered separately (see page 64).

(4) Common power supply for the solenoid and the LEDs.

Note : Due to existing cable connections and to increase your personal safety, safety screws have been used on the front of the product to help prevent unauthorized access.

Other versions: consult your Customer Care Center.