

Safety detection solutions

Safety interlock switches

Key-operated with solenoid, turret head (1)

XCSLF metal, 3 cable entries

Type of switch

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



LED indication

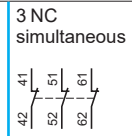
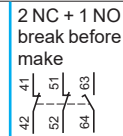
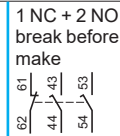
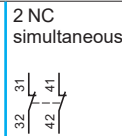
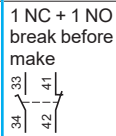
Orange LED: "guard open" indication
Green LED: "guard closed and locked" indication

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.



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 3 cable entries tapped ISO M20 x 1.5

2-pole contact 1 NC + 1 NO break before make, slow break		XCSLF2525312 ⊖	-	-	-	-
2-pole contact 2 NC simultaneous, slow break		XCSLF2725312 ⊖	XCSLF2727312 ⊖	-	-	-
3-pole contact 1 NC + 2 NO break before make, slow break		-	-	XCSLF3535312 ⊖	-	-
3-pole contact 2 NC + 1 NO break before make, slow break		-	-	-	XCSLF3737312 ⊖	-
3-pole contact 3 NC simultaneous, slow break		-	-	-	-	XCSLF3838312 ⊖
Weight (kg)		1.100	1.100	1.100	1.100	1.100

Solenoid and LED characteristics

Load factor	100%
Rated operational voltage (4)	24 V $\overline{\text{---}}$ or \sim or 120 V \sim or 230 V \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 complete switches with solenoid supply voltage of 120 V or 230 V

To order a switch with a solenoid voltage of 110/120 V \sim , replace the sixth number in the selected reference with 3.

Example: XCSLF3535312 becomes **XCSLF3535332**. Some 110/120V \sim references may not be available.

To order a switch with a solenoid voltage of 220/240 V \sim , replace the sixth number in the selected reference with 4.

Example: XCSLF3535312 becomes **XCSLF3535342**. Some 220/240V \sim references may not be available.

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: XCSLF3535312 becomes **XCSLF3535512**. Some references with locking on energization may not be available.

References of complete switches with 3 cable entries tapped for 1/2" NPT conduit

To order a switch with three 1/2" NPT cable entries, replace the last number in the reference with 3.

Example: XCSLF3535312 becomes **XCSLF3535313**. Some 1/2" NPT references 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 (2 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.

Other versions: consult your Customer Care Center.