

Safety detection solutions

Safety interlock switches

Key-operated with solenoid, turret head (1)

XCSE metal, 2 cable entries

Type of switch

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



LED indication	Orange LED: "guard open" signaling (not available on 3NC main contact models). Green LED: "guard closed and locked" signaling.			
Solenoid supply voltage	24 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)	48 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)	110/120 V $\overline{\text{---}}$ or \sim (3) (50/60 Hz on \sim)	220/240 V $\overline{\text{---}}$ or \sim (3) (50/60 Hz on \sim)
Types of auxiliary contacts actuated by the solenoid (locking contacts). Contact states represented with actuating key inserted and solenoid not energized.	NC + NO 	2 NC 	NC + NO 	NC + NO

References of switches without actuating key (5) (⊖ NC contact with positive opening operation)

Types of main contacts actuated by the key
Contact states represented with actuating key inserted
With 2 cable entries tapped ISO M20 x 1.5

3-pole NC + NO + NO (2 NO break before make) slow break 	XCSE5312 ⊖	-	XCSE5322 ⊖	XCSE5332 ⊖	XCSE5342 ⊖
3-pole NC + NC + NO (NO break before make) slow break 	XCSE7312 ⊖	XCSE73127 ⊖	-	XCSE7332 ⊖	XCSE7342 ⊖
3-pole NC + NC + NC slow break 	XCSE8312 ⊖ (4)	XCSE83127 ⊖ (4)	-	-	-
Weight (kg)	1.140	1.140	1.140	1.140	1.140

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 second number (3) with 5 in the references shown above. Example: XCSE5312 becomes **XCSE5512**. For these models, the auxiliary contacts states are also represented with key inserted and solenoid not energized. 2 NC auxiliary contact models cannot be ordered with locking on energization. Some references with locking on energization may not be available.

References of switches with locking on de-energization and unlocking on energization with emergency release by mushroom head pushbutton

To order a switch with locking on de-energization and with emergency release pushbutton replace the second number (3) with 4 in the references shown above. Example: XCSE7312 becomes **XCSE7412**. Some references with trigger action mushroom head pushbutton may not be available.

References of switches with 2 cable entries tapped Pg 13.5 or 1/2" NPT

To order a switch with 2 cable entries for Pg 13.5 cable gland:
- replace the last number (2) with 1 in the selected reference. Example: XCSE5312 becomes **XCSE5311**.
- for switches with 7 at the end of the reference, replace the 2 before the 7 with 1 in the selected reference. Example: XCSE73127 becomes **XCSE73117**.
To order a switch with 2 cable entries for 1/2" NPT conduit:
- replace the last number (2) with 3 in the selected reference. Example: XCSE5312 becomes **XCSE5313**.
- for switches with 7 at the end of the reference, replace the 2 before the 7 with 3 in the selected reference. Example: XCSE73127 becomes **XCSE73137**.
Some Pg 13 and 1/2" NPT references may not be available.

References of actuating keys

See page 73

(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) For use on 110/120 V $\overline{\text{---}}$ or 220/240 V $\overline{\text{---}}$, remove the LED indicator module.
(4) Switches supplied with a single green LED.
(5) Actuating keys to be ordered separately (see page 73).

Other versions: please consult our Customer Care Center.