

Safety detection solutions

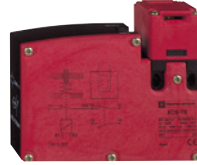
Safety interlock switches

Key-operated with solenoid, turret head (1)

XCSTE plastic, 1 cable entry

Type of switch

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



Types of auxiliary contact actuated by the solenoid (locking contact). Contact state NC is to be considered with actuating key inserted and solenoid not energized.

24 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)



120 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)



230 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)



References of switches without actuating key (3) (⊖ NC contact with positive opening operation) with 1 cable entry tapped ISO M16 x 1.5

2-pole NC + NC break before make, slow break		XCSTE5312 ⊖	XCSTE5332 ⊖	XCSTE5342 ⊖
2-pole NO + NC make before break, slow break		XCSTE6312 ⊖	-	-
2-pole NC + NC slow break		XCSTE7312 ⊖	-	XCSTE7342 ⊖
Weight (kg)		0.360	0.360	0.360

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. Example: XCSTE5312 becomes **XCSTE5512**. For these models, the auxiliary contact state is to be considered with key inserted and solenoid not energized and the contact terminals are identified 33 - (34) $\overline{\text{---}}$ (34), Some references with locking on energization may not be available.

References of switches with 1 cable entry tapped Pg 11 or 1/2" NPT

To order a switch with 1 cable entry for Pg 11 cable gland, replace the last number (2) with 1 in the selected reference.

Example: XCSTE5312 becomes **XCSTE5311**.

To order a switch with 1 cable entry for 1/2" NPT conduit, replace the last number (2) with 3 in the selected reference.

Example: XCSTE5312 becomes **XCSTE5313**. The Pg 11 tapped entry is fitted with metal adapter DE9RA1012 for 1/2" NPT conduit.

Some Pg 13 and 1/2" NPT references may not be available.

Solenoid characteristics

Load factor	100%		
Rated operational voltage	24 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)	120 V $\overline{\text{---}}$ or \sim (50/60 H on \sim)	230 V $\overline{\text{---}}$ or \sim (50/60 Hz on \sim)
Voltage limits	- 15%, +10% of the rated operational voltage (including ripple on $\overline{\text{---}}$) conforming to EN/IEC 60947-1		
Service life	20,000 hours		
Consumption	10 VA max.		

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

(2) A special tool included with the safety interlock 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 81)

Other versions: please consult our Customer Care Center.