

Safety detection solutions

Key-operated safety switches
XCSPA and XCSTA plastic, turret head
1 or 2 cable entries

Type of switch Without locking of actuating key



XCSPA



XCSTA

References of switches without actuating key (4) (⊖ NC contact with positive opening operation) with 1 or 2 cable entries tapped ISO M16 x 1.5

2-pole 1 NC + 1 NO (2) break before make, slow break		XCSPA592	⊖	-
2-pole 1 NC + 1 NO (2) snap action		XCSPA192	⊖	-
2-pole 1 NO + 1 NC (2) make before break, slow break		XCSPA692	⊖	-
2-pole 2 NC (2) slow break		XCSPA792	⊖	-
2-pole 2 NC (2) snap action		XCSPA292	⊖	-
3-pole 1 NC + 2 NO (2) break before make, slow break		XCSPA892	⊖	XCSTA592 ⊖
3-pole 2 NC + 1 NO (2) break before make, slow break		XCSPA992	⊖	XCSTA792 ⊖
3-pole 2 NC + 1 NO (2) snap action		XCSPA492	⊖	-
3-pole 3 NC (2) slow break		-	-	XCSTA892 ⊖
Weight (kg)		0.110		0.160

References of switches without actuating key (4) (⊕ NC contact with positive opening operation) with 1 or 2 cable entries tapped Pg 11 or 1/2" NPT

To order a switch with 1 or 2 cable entries for Pg 11 cable gland (clamping capacity 7 to 10 mm), replace the last number (2) with 1 in the selected reference. Example: XCSPA592 becomes **XCSPA591** (some Pg 11 references may not be available).
To order a switch with 1 or 2 cable entries for 1/2" NPT conduit (one Pg 11 tapped entry fitted with DE9RA1012 metal adapter), replace the last number (2) with 3 in the selected reference. Example: XCSTA592 becomes **XCSTA593** (some 1/2" NPT references may not be available).

Complementary characteristics not shown under general characteristics (page 40)

Actuation speed	Maximum: 0.5 m/s, minimum: 0.01 m/s
Resistance to forcible withdrawal of actuating key	XCSPA, XCSTA: 10 N (50 N using actuating keys XCSZ12 or XCSZ13 together with guard retaining device XCSZ21)
Mechanical durability	XCSPA, XCSTA: > 1 million operating cycles
Maximum operating rate	For maximum durability: 600 operating cycles per hour
Minimum force for positive opening	≥ 15 N
Cable entry	XCSPA: 1 entry tapped M16 x 1.5 for ISO cable gland. XCSTA: 2 entries tapped M16 x 1.5 for ISO cable gland.
Materials	Body and head: polyamide PA66, fibreglass impregnated

References of accessories

	Description	For use with	Unit reference	Weight kg
 XCSTA91	Blanking plugs for operating head slot (Sold in lots of 10)	XCSPA, XCSTA	XCSZ28	0.050
 XCSTA91	Padlocking device to help prevent insertion of actuating key, for up to 3 padlocks (padlocks not included)	XCSPA, XCSTA	XCSZ91	0.053
 XCSTA200	Actuating key centering device (3) (Fixing screws included)	XCSPA, XCSTA	XCSZ200	0.022

(1) Head adjustable in 90° steps through 360°. Blanking plug for operating head slot included with switch.
(2) Schematic diagrams shown represent the contact states while the actuating key is inserted in the head of the switch.
(3) Not for use with XCSZ91.
(4) Actuating keys to be ordered separately (see page 47).

Other versions: please consult our Customer Care Center.