

Safety detection solutions

Key-operated switches

XCSA, XCSB and XCSC metal, turret head (1)

1 cable entry

Type of switch	Without locking of actuating key	With locking of actuating key, manual unlocking (2)
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XCSCA



XCSCB



XCSC

LED indication on opening of NC contacts	No	1 orange LED 24/48 V ~	1 orange LED 110/240 V ~	No (4)	No (4)
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References of switches without actuating key (5) (⊖ NC contact with positive opening operation) with 1 cable entry tapped ISO M20 x 1.5

3-pole 1 NC + 2 NO break before make, slow break (3)		XCSCA502 ⊖	XCSCA512 ⊖	XCSCA522 ⊖	XCSCB502 ⊖	XCSC502 ⊖
3-pole 2 NC + 1 NO break before make, slow break (3)		XCSCA702 ⊖	XCSCA712 ⊖	XCSCA722 ⊖	XCSCB702 ⊖	XCSC702 ⊖
3-pole 3 NC slow break (3)		XCSCA802 ⊖	—	—	XCSCB802 ⊖	XCSC802 ⊖
Weight (kg)		0.440	0.440	0.440	0.475	0.480

References of switches without actuating key (5) with 1 cable entry tapped Pg 13.5

To order a switch with a Pg 13.5 cable entry, replace the last number (2) with 1 in the selected reference.

Example: XCSCA502 becomes **XCSCA501** (some Pg 13.5 references may not be available).

References of switches without actuating key (5) with 1 cable entry tapped 1/2" NPT

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

Example: XCSCA502 becomes **XCSCA503** (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 (locked)	XCSCB and XCSC: $F_{1max} = 1500$ N; $F_{2h} = 1150$ N
Mechanical durability	XCSCA: > 1 million operating cycles XCSCB and XCSC: 0.6 million operating cycles
Maximum operating rate	For maximum durability: 600 operating cycles per hour
Minimum force for extraction of actuating key (not locked)	≥ 20 N
Cable entry	XCSCA, XCSCB, XCSC: 1 cable entry Entry tapped ISO M20 x 1.5, clamping capacity 7 to 13 mm
Materials	Body: Zamak. Head: Zamak. Safety screws: 5-lobe torque. Protective plate: steel.

References of actuating keys

Description	Straight actuating key	Actuating key with wide fixing	Pivoting actuating key	Latch for sliding doors
For XCSCA, XCSCB or XCSC key-operated switches	XCSZ01	XCSZ02	XCSZ03	XCSZ05
Weight (kg)	0.020	0.020	0.095	0.600

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

(2) Unlocking by pushbutton for XCSCB●●● and by key-operated lock for XCSC●●● (2 keys included with switch).

(3) Schematic diagrams shown represent the contact states while the actuating key is inserted in the head of the switch.

(4) 1 orange LED 24/48V ~ indicator available with the XCSZ31 accessory

1 orange LED 110/240V ~ indicator available with the XCSZ32 accessory

(5) Actuating keys to be ordered separately (see above).

Other versions: please consult our Customer Care Center.