

Safety detection solutions

Key-operated safety switches

XCSMP plastic, fixed head

Pre-cabled, length 2 m, 5 m or 10 m

Type of switch	Without locking of actuating key
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XCSMP switch

References of switches without actuating key (4) (⊖ NC contact with positive opening operation) (1) (3)

2-pole 1 NC + 1 NO break before make, slow break (2)		XCSMP59L● ⊖
2-pole 2 NC slow break (2)		XCSMP79L● ⊖
3-pole 2 NC + 1 NO break before make, slow break (2)		XCSMP70L● ⊖
3-pole 3 NC slow break (2)		XCSMP80L● ⊖
Weight (kg)	0.110	

Complementary characteristics not shown under general characteristics (page 40)

Actuation speed	Maximum: 1.5 m/s, minimum: 0.05 m/s
Mechanical durability	> 1 million operating cycles
Pre-cabled connection	4 x 0.5 mm ² or 6 x 0.5 mm ²
Maximum operating rate	For maximum durability: 1 200 operating cycles per hour
Minimum force for extraction of actuating key	≥ 8 N

References of actuating keys

Description	Straight actuating key	Right-angled actuating key	Pivoting actuating key	
			For right-hand door	For left-hand door



For XCSMP safety switches	XCSZ81	XCSZ84	XCSZ83	XCSZ85
Weight (kg)	0.015	0.025	0.085	0.085

Separate components

Description	Unit reference	Weight kg
Blanking plugs for operating head slot (Sold in lots of 10)	XCSZ29	0.005

(1) 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) Basic reference, to be completed: replace the dot with **2** for a 2 m long cable, with **5** for a 5 m long cable or with **10** for a 10 m long cable. Some lengths may not be available. Example: XCSMP70L● becomes XCSMP70L10 for a switch with a 10 m long cable.

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