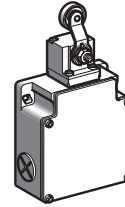
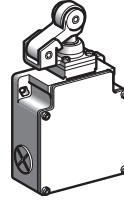
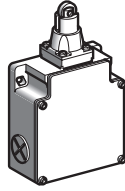
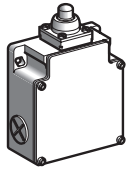


Limit switches

XC Standard range, Classic format
Metal, 2 x 2-pole contacts, XCKML
Complete switches with 3 cable entries

Type of head	Plunger (fixing by the body)	Rotary (fixing by the body)	
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Type of operator	Metal end plunger	Steel roller plunger	Thermoplastic roller lever plunger, horizontal actuation in 1 direction	Thermoplastic roller lever (1)
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References of complete switches with 3 ISO M20 x 1.5 cable entries (2)

2 x 2-pole NC + NO snap action (XESP2151L) 	XCKML110H29 \ominus 	XCKML102H29 \ominus 	XCKML121H29 \ominus 	XCKML115H29 \ominus
2 x 2-pole NC + NO break before make, slow break (XENP2151L) 	XCKML510H29 \ominus 	XCKML502H29 \ominus 	XCKML521H29 \ominus 	XCKML515H29 \ominus

References of complete switches with 3 entries tapped for n° 13 cable gland (2)

2 x 2-pole NC + NO snap action (XESP2151L) 	XCKML110 \ominus 	XCKML102 \ominus 	XCKML121 \ominus 	XCKML115 \ominus
2 x 2-pole NC + NO break before make, slow break (XENP2151L) 	XCKML510 \ominus 	XCKML502 \ominus 	XCKML521 \ominus 	XCKML515 \ominus

Weight (kg)	0.400	0.405	0.450	0.430
Contact operation	closed open	(A) = cam displacement	\ominus NC contact with positive opening operation	
		(P) = positive opening point		

Characteristics

Switch actuation	On end	By 30° cam		
Type of actuation				
Maximum actuation speed	0.5 m/s	1.5 m/s		
Mechanical durability	3 million operating cycles			
Minimum force	For tripping For positive opening	15 N 60 N	12 N 50 N	8 N 50 N
Cable entry	3 entries tapped ISO M20 x 1.5, clamping capacity 7 to 13 mm, or 3 entries tapped for n° 13 cable gland conforming to NF C 68-300 (DIN Pg 13.5), clamping capacity 9 to 12 mm.			

(1) Adjustable throughout 360° in 5° steps, or in 90° steps by reversing the notched washer.
 (2) Switches available with other 2-pole slow break contact blocks: NO + NC make before break, NC + NC simultaneous (with positive opening operation), NO + NO simultaneous. Please consult our Customer Care Centre.

Note: replacement parts

The heads of limit switches XCKML are the same as those for XCKM and XCKL (see heads ZCKD10, ZCKD02, ZCKD21 and ZCKD15 on page 128).