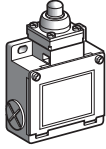
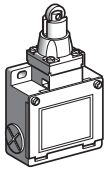
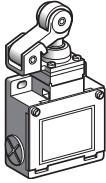
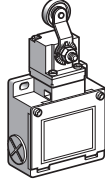
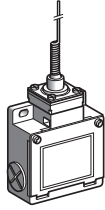





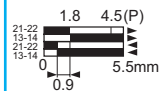
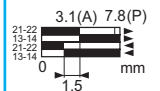
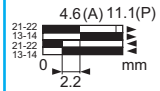
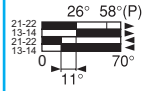
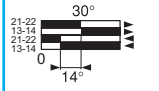





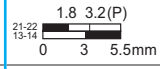
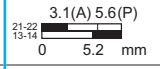
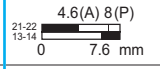
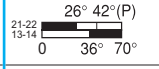
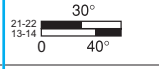





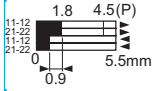
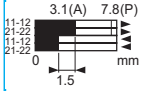
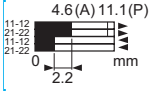
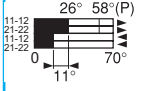
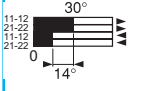





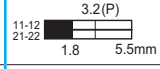
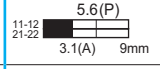
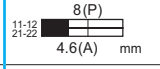
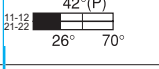
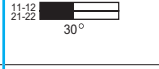
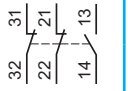






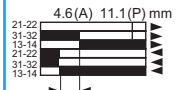
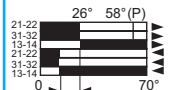
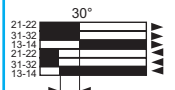
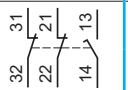




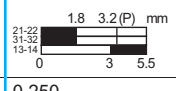
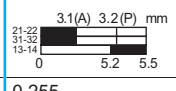
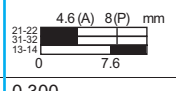
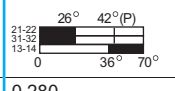
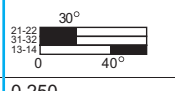





Limit switches

XC Standard range, Classic format
Metal, XCKM
Complete units with 3 cable entries

Type of head	Plunger (fixing by the body)	Rotary (fixing by the body)	Multi-directional, (fixing by the body)		
					
					
					
Type of operator	Metal end plunger	Steel roller plunger	Thermoplastic roller lever plunger, horizontal actuation in 1 direction	Thermoplastic roller lever (1)	"Cat's whisker" (2)





References of complete units with 3 ISO M20 x 1.5 cable entries (3)

2-pole NC + NO snap action (XE2SP2151)		XCKM110H29 	XCKM102H29 	XCKM121H29 	XCKM115H29 	XCKM106H29
						
2-pole NC + NO break before make, slow break (XE2NP2151)		XCKM510H29 	XCKM502H29 	XCKM521H29 	XCKM515H29 	XCKM506H29
						
2-pole NC + NC snap action (XE2SP2141)		ZCKM9H29 + ZCKD10 	ZCKM9H29 + ZCKD02 	ZCKM9H29 + ZCKD21 	ZCKM9H29 + ZCKD15 	ZCKM9H29 + ZCKD06
						
2-pole NC + NC simultaneous, slow break (XE2NP2141)		ZCKM7H29 + ZCKD10 	ZCKM7H29 + ZCKD02 	ZCKM7H29 + ZCKD21 	ZCKM7H29 + ZCKD15 	ZCKM7H29 + ZCKD06
						
3-pole NC + NC + NO snap action (XE3SP2141)		ZCKMD39H29 + ZCKD10 	ZCKMD39H29 + ZCKD02 	ZCKMD39H29 + ZCKD21 	ZCKMD39H29 + ZCKD15 	ZCKMD39H29 + ZCKD06
						
3-pole NC + NC + NO break before make, slow break (XE3NP2141)		ZCKMD37H29 + ZCKD10 	ZCKMD37H29 + ZCKD02 	ZCKMD37H29 + ZCKD21 	ZCKMD37H29 + ZCKD15 	ZCKMD37H29 + ZCKD06
						
Weight (kg)	0.250	0.255	0.300	0.280	0.250	
Contact operation	 closed  open	(A) = cam displacement (P) = positive opening point		 NC contact with positive opening operation		

References of complete units with 3 Pg 11 cable entries

For complete units with 3 Pg 11 cable entries, delete H29 from the end of the reference. Example: **XCKM110H29** becomes **XCKM110**.

Characteristics

Switch actuation	On end	By 30° cam		By any moving part
Type of actuation				
Maximum actuation speed	0.5 m/s		1.5 m/s	1 m/s (any direction)
Mechanical durability (4) (in millions of operating cycles)	20			15
Minimum force or torque	For tripping: 15 N For positive opening: 45 N	12 N 36 N	8 N 24 N	0.1 N.m 0.25 N.m
Cable entry	3 entries tapped M20 x 1.5 mm for ISO cable gland, clamping capacity 7 to 13 mm			

(1) Adjustable throughout 360° in 5° steps, or in 90° steps by reversing the notched washer.

(2) Value taken with actuation by moving part at 100 mm from the fixing.

(3) Switches with gold contacts or eyelet type connections: please consult our Customer Care Centre.

(4) Limited to 15 million operating cycles for switches with contacts XE3●P.