

Limit switches

XC Standard range
Compact design, plastic, XCKP
Complete switches with 1 cable entry

Type of head	Plunger (fixing by the head)		Rotary (fixing by the body)				Multi-directional
	Form A (1)						
Type of operator	M18 with metal end plunger	M18 with steel roller plunger	Thermoplastic roller lever	Variable length thermoplastic roller lever	Thermoplastic roller lever, Ø 50 mm	Variable length thermoplastic roller lever, Ø 50 mm	"Cat's whisker" (2)

References of complete switches with 1 ISO M16 x 1.5 cable entry (3)							
	XCKP21H0P16 1.8 4.6(P) 0.9 5mm	XCKP21H2P16 3.1(A) 7.8(P) 0 1.5 mm	XCKP2118P16 25° 70°(P) 0 12° 90°	XCKP2145P16 25° 70°(P) 0 12° 90°	XCKP2139P16 25° 70°(P) 0 12° 90°	XCKP2149P16 25° 70°(P) 0 12° 90°	XCKP2106P16 20° 0 15°
	XCKP25H0P16 1.8 3.2(P) 0 3 5mm	XCKP25H2P16 3.1(A) 5.6(P) 0 0.5.2 mm	XCKP2518P16 25° 46°(P) 0 42° 90°	XCKP2545P16 25° 46°(P) 0 42° 90°	XCKP2539P16 25° 46°(P) 0 42° 90°	XCKP2549P16 25° 46°(P) 0 42° 90°	XCKP2506P16 20° 0 45°
	ZCP29 + ZCPEP16 + ZCEH0 1.8 4.6(P) 0.9 5mm	ZCP29 + ZCPEP16 + ZCEH2 3.1(A) 7.8(P) 0 1.5 mm	ZCP29 + ZCPEP16 + ZCE01 + ZCY18 25° 70°(P) 0 12° 90°	ZCP29 + ZCPEP16 + ZCE01 + ZCY45 25° 70°(P) 0 12° 90°	ZCP29 + ZCPEP16 + ZCE01 + ZCY39 25° 70°(P) 0 12° 90°	ZCP29 + ZCPEP16 + ZCE01 + ZCY49 25° 70°(P) 0 12° 90°	ZCP29 + ZCPEP16 + ZCE06 20° 0 15°
	ZCP27 + ZCPEP16 + ZCEH0 1.8 3.2(P) 0 5mm	ZCP27 + ZCPEP16 + ZCEH2 3.1 5.6(P) 0 mm	ZCP27 + ZCPEP16 + ZCE01 + ZCY18 25° 46°(P) 0 90°	ZCP27 + ZCPEP16 + ZCE01 + ZCY45 25° 46°(P) 0 90°	ZCP27 + ZCPEP16 + ZCE01 + ZCY39 25° 46°(P) 0 90°	ZCP27 + ZCPEP16 + ZCE01 + ZCY49 25° 46°(P) 0 90°	ZCP27 + ZCPEP16 + ZCE06 20° 0
	ZCP39 + ZCPEP16 + ZCEH0 1.8 4.6(P) 0.9 5mm	ZCP39 + ZCPEP16 + ZCEH2 3.1(A) 7.8(P) 0 1.5 mm	ZCP39 + ZCPEP16 + ZCE01 + ZCY18 25° 70°(P) 0 12° 90°	ZCP39 + ZCPEP16 + ZCE01 + ZCY45 25° 70°(P) 0 12° 90°	ZCP39 + ZCPEP16 + ZCE01 + ZCY39 25° 70°(P) 0 12° 90°	ZCP39 + ZCPEP16 + ZCE01 + ZCY49 25° 70°(P) 0 12° 90°	ZCP39 + ZCPEP16 + ZCE06 20° 0 15°
	ZCP37 + ZCPEP16 + ZCEH0 1.8 3.2(P) 0 3 5mm	ZCP37 + ZCPEP16 + ZCEH2 3.1(A) 5.6(P) 0 5.2 mm	ZCP37 + ZCPEP16 + ZCE01 + ZCY18 25° 46°(P) 0 42° 90°	ZCP37 + ZCPEP16 + ZCE01 + ZCY45 25° 46°(P) 0 42° 90°	ZCP37 + ZCPEP16 + ZCE01 + ZCY39 25° 46°(P) 0 42° 90°	ZCP37 + ZCPEP16 + ZCE01 + ZCY49 25° 46°(P) 0 42° 90°	ZCP37 + ZCPEP16 + ZCE06 20° 0 45°
Weight (kg)	0.130	0.130	0.135	0.145	0.145	0.155	0.085

References of complete switches with 1 entry for n° 11 cable gland

For an entry tapped for a n° 11 cable gland, replace P16 in the reference by G11. Example: XCKP21H0P16 becomes XCKP21H0G11 or ZCPEP16 becomes ZCPEG11.

Contact operation closed (A) = cam displacement NC contact with positive opening operation
 open (P) = positive opening point

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 direct.)
Mechanical durability	10 million operating cycles				5 million
Minimum force or torque	For tripping For positive opening	15 N 45 N	10 N 36 N	0.1 N.m 0.25 N.m	0.13 N.m -
Cable entry	1 entry tapped M16 x 1.5 mm for ISO cable gland, clamping capacity 4 to 8 mm				

(1) Form conforming to EN 50047, see page 24.

(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.