

# Limit switches

XC Basic range

Compact design, plastic, XCKN

Complete switches with 1 cable entry

Type of head	Rotary (fixing by the body)				Multi-directional	
Type of operator	Thermoplastic roller lever	Variable length thermoplastic roller lever	Thermoplastic roller lever, Ø 50 mm	Variable length thermoplastic roller lever, Ø 50 mm	Spring rod	"Cat's whisker"
Sold and packed in lots of	20	20	20	20	20	20

## References of complete switches with 1 ISO M20 x 1.5 cable entry

	<b>2-pole NC + NO snap action</b>	<b>XCKN2118P20</b> 	<b>XCKN2145P20</b> 	<b>XCKN2139P20</b> 	<b>XCKN2149P20</b> 	<b>XCKN2108P20</b> 	<b>XCKN2106P20</b> 
	<b>2-pole NC + NO break before make, slow break</b>	<b>XCKN2518P20</b> 	<b>XCKN2545P20</b> 	<b>XCKN2539P20</b> 	<b>XCKN2549P20</b> 	<b>XCKN2508P20</b> 	<b>XCKN2506P20</b> 
	<b>2-pole NC + NC simultaneous, slow break</b>	<b>XCKN2718P20</b> 	<b>XCKN2745P20</b> 	<b>XCKN2739P20</b> 	<b>XCKN2749P20</b> 	<b>XCKN2708P20</b> 	<b>XCKN2706P20</b> 
	<b>2-pole NC + NC snap action</b>	<b>XCKN2918P20</b> 	<b>XCKN2945P20</b> 	<b>XCKN2939P20</b> 	<b>XCKN2949P20</b> 	<b>XCKN2908P20</b> 	<b>XCKN2906P20</b> 
Weight (kg)		0.085	0.090	0.110	0.115	0.085	0.075
Contact operation				(A) (B) = cam displacement (P) = positive opening point			

## Characteristics

Switch actuation	By 30° cam	By any moving part
Type of actuation		
Maximum actuation speed	1.5 m/s	1 m/s (any direction)
Mechanical durability	10 million operating cycles	5 million operating cycles
Minimum force or torque	For tripping: 0.1 N.m For positive opening: 0.15 N.m	0.13 N.m
Cable entry	1 entry tapped M20 x 1.5 mm for ISO cable gland, clamping capacity 7 to 13 mm	

## References of complete switches with 1 Pg 11 cable entry

For complete switches with 1 Pg 11 cable entry replace P20 by G11.

Example: XCKN2118P20 becomes XCKN2118G11.

## Other cable entries

For complete switches with ISO M16 x 1.5 or PF 1/2 (G 1/2) cable entry, please consult our Customer Care Centre.

## Other contacts

For complete switches with 2-pole contacts:

NO + NC make before break, slow break,

NO + NO simultaneous, slow break, please consult our Customer Care Centre.

For complete switches with 3-pole contacts:

NC + NO + NO snap action,

NC + NC + NO snap action,

NC + NC + NO break before make, slow break,

NC + NO + NO break before make, slow break, please consult our Customer Care Centre.