

# Limit switches

XC Standard range  
Miniature design, metal, XCMD  
Complete units  
Pre-cabled

Type of head	Rotary (fixing by the body)				Multi-directional

Type of operator	Thermoplastic roller lever	Steel roller lever	Roller lever with ball bearing mounted roller	Variable length thermoplastic roller lever	"Cat's whisker" (1)
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References	2-pole NC + NO snap action				
	<b>XCMD2115L1</b> 	<b>XCMD2116L1</b> 	<b>XCMD2117L1</b> 	<b>XCMD2145L1</b> 	<b>XCMD2106L1</b> 
<b>2-pole NC + NO break before make, slow break</b>	<b>XCMD2515L1</b> 	<b>XCMD2516L1</b> 	<b>XCMD2517L1</b> 	<b>XCMD2545L1</b> 	<b>XCMD2506L1</b> 
<b>Weight (kg)</b>	0.220	0.225	0.220	0.230	0.180
<b>Contact operation</b>			(A) = cam displacement (P) = positive opening point		

Complementary characteristics not shown under general characteristics (see page 27)		
<b>Switch actuation</b>	By 30° cam	
<b>Type of actuation</b>		
<b>Maximum actuation speed</b>	1.5 m/s	1 m/s
<b>Mechanical durability</b>	10 million operating cycles	5
<b>Minimum force or torque</b>	For tripping	0.1 N.m
	For positive opening	0.5 N.m
<b>Cabling</b>	PvR cable, 5 x 0.75 mm <sup>2</sup> , length 1 m	

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