

Limit switches
XC Standard range

Design	"Classic" format		Industrial EN 50041 format	
	Metal, 3 cable entries	Metal, 1 cable entry	Plastic, 1 cable entry	Metal, 1 cable entry or connector
				
Enclosure	Metal		Plastic, double insulated	Metal
Modularity	Head, body and operator modularity			
Conformity/Certifications	CE, UL, CSA, CCC, EAC	CE, UL, CSA, EAC	CENELEC EN 50041 UL, CSA, CCC, EAC	
Body dimensions (w x h x d) in mm	63 x 64 x 30	52 x 72 x 30	40 x 72.5 x 36	40 x 77 x 44 42.5 x 84 x 36
Head	Linear movement (plunger) Rotary movement (lever) Rotary movement, multidirectional			
Contact blocks				
2 electrically separate contacts	snap action with positive opening operation		•	•
	slow break with positive opening operation		•	•
2 same polarity contacts	snap action		–	•
	slow break		–	–
3 electrically separate contacts	snap action with positive opening operation		•	•
	slow break with positive opening operation		•	•
4 electrically separate contacts	snap action with positive opening operation		–	–
	slow break with positive opening operation		–	–
4 contacts (2 x 2 same polarity contacts)	snap action		•	•
Degree of protection IP/IK	IP 66, IK 06		IP 65, IK 03	IP 66, IK 07
Operating temperature	- 25°C... + 70°C			- 25°C... + 70°C - 40°C or + 120°C depending on model
Connection				
Screw terminals (entry for cable gland)	3 entries for ISO M20, Pg 11 cable gland or 1/2" NPT	1 entry incorporating cable gland or tapped 1/2" NPT	1 entry for ISO M20, Pg 13.5 cable gland or 1/2" NPT	1 entry for ISO M20, Pg 13.5 cable gland or 1/2" NPT
Pre-cabled	–			
Connector	–			Integral M12 or 7/8"-16UN
Type reference	XCKM	XCKL	XCKS	XCKJ
Pages	120	120	136	148

Limit switches
XC Basic range

Miniature format		Compact format EN 50047		Compact format, with reset knob
Plastic, pre-cabled		Plastic, 1 cable entry	Plastic, 2 cable entries	Plastic, 1 cable entry
				
Plastic, double insulated				
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CE, cULus, CCC	CE, UL, CSA, CCC, EAC	CENELEC EN 50047, UL, CSA, CCC, EAC		CE, UL, CSA, CCC, EAC
30 x 50 x 16	30 x 50 x 16	31 x 65 x 30	59 x 51 x 30	31 x 65 x 30
Linear movement (plunger) Rotary movement (lever) Rotary movement, multidirectional				
•	•	•	•	•
	-	•	•	•
•	-	-	-	-
-	-	-	•	-
-	-	•	-	•
-	-	•	-	•
-	-	-	-	
-	-	-	-	
-	-	-	-	
IP 66, IP 67, IK 04	IP 65, IK 04			
- 25 °C... + 70 °C				
-	-	1 entry for ISO M20 or Pg 11 cable gland Other cable entries: ISO M16 x 1.5 or PF 1/2 (G1/2)	2 entries for ISO M16 or Pg 11 cable gland or 1/2" NPT (using adaptor)	1 entry for ISO M20 or Pg 11 cable gland Other cable entries: ISO M16 x 1.5 or PF 1/2 (G1/2)
Ø 4.2 mm PvR, lateral or axial cable output, depending on model	Ø 7.5 PvR, CEI, halogen free, depending on model	-		
XCMH	XCMN	XCKN	XCNT	XCNR
68	78	110	112	118