XCJ103C

Steel roller plunger, vertical actuation



Main

Range of product	OsiSense XC	
Series name	Basic	
Product or component type	Limit switch	
Product specific application	Light to medium duty	
Device short name	XCJ	
Body type	Fixed	
Head type	Plunger head	
Material	Plastic and metal	
Fixing mode	By the body	
Movement of operating head	Linear	
Type of operator	Spring return roller plunger stainless steel	
Switch actuation	On end	
Type of approach	Traverse approach, 1 direction	
Electrical connection	Screw-clamp terminals	
Cable entry	1 flexible rubber cable gland, cable outer diameter: 8.510.5 mm	
Number of poles	1	
Contact operation	Snap action	
Positive opening	Without	
Maximum force for tripping	4 N	

Complementary

С	
0.98 N	
0.01 mm/s	
0.5 m/s	
120 cyc/mn	
A300, AC (Ue = 240 V), Ie = 10 A, Ithe = 10 A conforming to IEC 60947-5-1 R300, DC (Ue = 220 V), Ie = 0.3 A conforming to IEC 60947-5-1	
25 MOhm	
4 kV conforming to EN/IEC 60664	
800000 cycles, AC, 10 A, 220 V	
10000000 cycles	
22 mm	
79 mm	
70 mm	
0.093 kg	
(NO-NC-C)OF	

Environment

Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27	
Vibration resistance	+/- 3 mm (f= 1055 Hz) conforming to IEC 60068-2-6	
IP degree of protection	IP40 conforming to IEC 60529	
Electrical shock protection class	Class II conforming to EN/IEC 60947-5-1	
Ambient air temperature for operation	-2570 °C	

Ambient air temperature for storage	-4070 °C	
Marking	CE	
	CCC	
Standards	IEC 60947-5-1	
	GB 14048.5	
Offer Constains hills.		
Offer Sustainability		
REACh Regulation	REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	

Contractual warranty

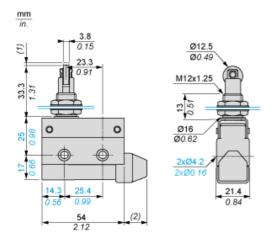
RoHS exemption information

Mercury free

Warranty 18 months			
		18 months	

Yes Yes

Dimensions



(1): 2 mm max / 0.07 in. max (2): 16.5 mm max / 0.64 in. max

Product data sheet Connections and Schema

XCJ103C

Connection and Schema

Wiring Diagram

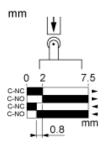
Single pole 1C/O

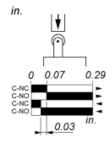


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Technical Description

Type of Operator and Functional Diagram, Travel Distance

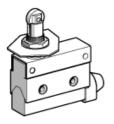




- **(1)**
- (2)
- (3)
- (1): Contact closed
- (2): Contact open
- (3): Tripping (4): Resetting

Mounting and Fixing

Recommended



To be Avoided

