Product data sheet
Characteristics

XCJ121C
Short flat lever, roller end plunger, one side actuation



勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

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
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Roller lever plunger thermoplastic short and flat, retractable
Switch actuation	By 30° cam
Type of approach	Lateral approach, 2 directions
Electrical connection	Screw-clamp terminals
Cable entry	1 flexible rubber cable gland, cable outer diameter: 8.5…10.5 mm
Number of poles	1
Contact operation	Snap action
Positive opening	Without
Maximum force for tripping	2.4 N

Complementary

Contacts insulation form	C
Minimum release force	0.98 N
Minimum actuation speed	0.01 mm/s
Maximum actuation speed	0.5 m/s
Maximum operating rate	120 cyc/mn
Contact code designation	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
Maximum resistance across terminals	25 MOhm
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60664
Electrical durability	800000 cycles, AC, 10 A, 220 V

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Mechanical durability	10000000 cycles
Width	22 mm
Height	72 mm
Depth	71 mm
Net weight	0.085 kg
Terminals description ISO n°1	(NO-NC-C)OF

Environment

Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	+/- 0.7 mm (f= 10…55 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	-25…70 °C
Ambient air temperature for storage	-40…70 °C
Marking	CE CCC
Standards	IEC 60947-5-1 GB 14048.5

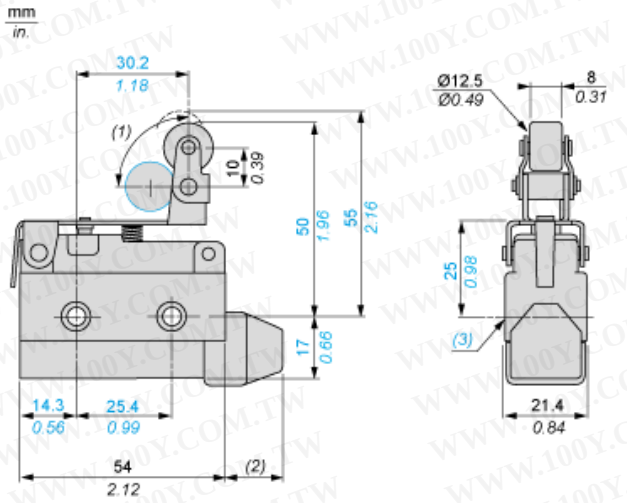
Contractual warranty

Warranty	18 months

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XCJ121C

Dimensions



(1) : 90° max
(2) : 16.5 mm max / 0.64 in. max
(3) : 2 x Ø4.2 mm / 2 x Ø0.16 mm

Connection and Schema

Wiring Diagram

Single pole 1C/O

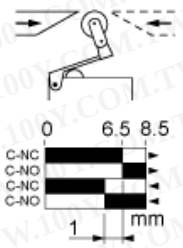


Technical Description

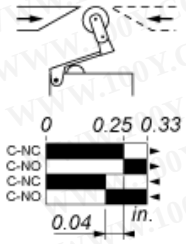
Type of Operator and Functional Diagram, Travel Distance

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mm



in.



■ *(1)*
□ *(2)*
► *(3)*
◄ *(4)*

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