Product data sheet
Characteristics

XCJ102C
Steel roller plunger, horizontal 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 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	Lateral approach, 1 direction
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	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	79 mm
Depth	70 mm
Net weight	0.093 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	+/- 3 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

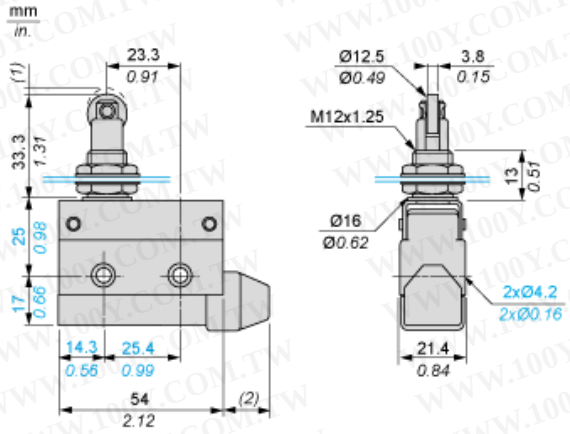
Warranty	18 months

WWW.100Y.COM.TW

Product data sheet
Dimensions Drawings

XCJ102C

Dimensions



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

XCJ102C

Connection and Schema

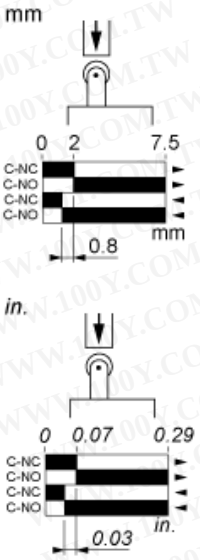
Wiring Diagram

Single pole 1C/O

Life Is On Schneider Electric

Technical Description

Type of Operator and Functional Diagram, Travel Distance

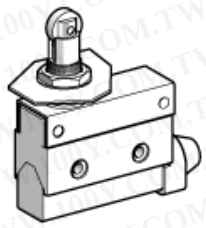
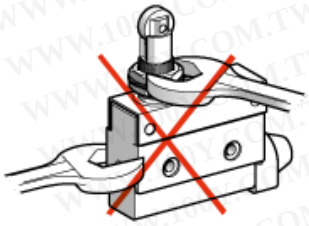


(1) : Contact closed
(2) : Contact open
(3) : Tripping
(4) : Resetting

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

Mounting and Fixing

Recommended



To be Avoided