



### 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 plunger steel
Switch actuation	On end
Type of approach	Vertical 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
Mechanical durability	10000000 cycles
Width	22 mm
Height	67 mm
Depth	70 mm
Net weight	0.086 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

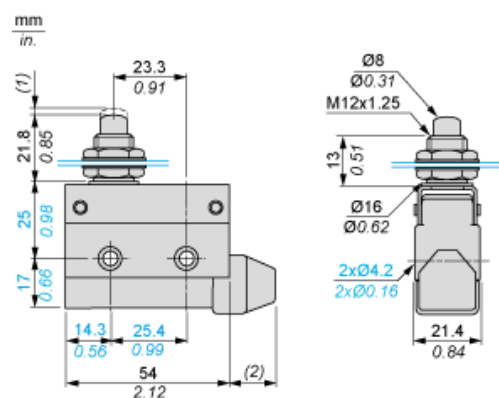
## Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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## Contractual warranty

Warranty	18 months
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## Dimensions



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

Connection and Schema

Wiring Diagram

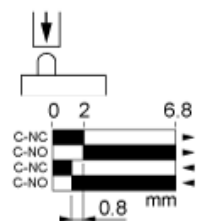
Single pole 1C/O



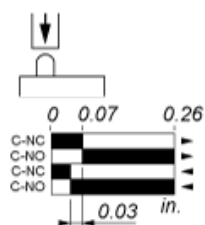
## Technical Description

### Type of Operator and Functional Diagram, Travel Distance

mm



in.



■ (1)

□ (2)

► (3)

◄ (4)

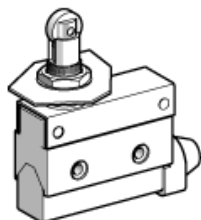
- (1) : Contact closed
- (2) : Contact open
- (3) : Tripping
- (4) : Resetting

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Mounting and Fixing

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Recommended



To be Avoided

