

# Product data sheet

Specifications

## Metal end plunger

XCJ110C



### 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 MΩ

<b>[Ui<sub>imp</sub>] rated impulse withstand voltage</b>	4 kV conforming to EN/IEC 60664
<b>Electrical durability</b>	800000 cycles, AC, 10 A, 220 V
<b>Mechanical durability</b>	10000000 cycles
<b>Width</b>	22 mm
<b>Height</b>	67 mm
<b>Depth</b>	70 mm
<b>Net weight</b>	0.086 kg
<b>Terminals description ISO n°1</b>	(NO-NC-C)OF

## Environment

<b>Shock resistance</b>	10 gn for 11 ms conforming to IEC 60068-2-27
<b>Vibration resistance</b>	+/- 3 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>Electrical shock protection class</b>	Class II conforming to EN/IEC 60947-5-1
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Marking</b>	CE CCC
<b>Standards</b>	IEC 60947-5-1 GB 14048.5

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.000 cm
<b>Package 1 Width</b>	6.500 cm
<b>Package 1 Length</b>	7.000 cm
<b>Package 1 Weight</b>	88.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	150
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	14.319 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	1200
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	60.000 cm
<b>Package 3 Weight</b>	122.552 kg

## Offer Sustainability

REACH Regulation

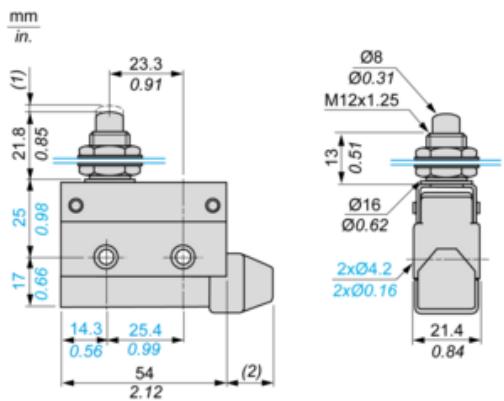
[REACH Declaration](#)

<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="#">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	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

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#### Wiring Diagram

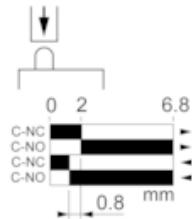
Single pole 1C/O



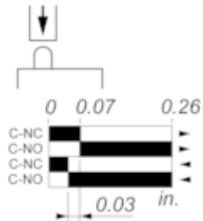
### Technical Description

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

mm



in.



■ (1)

□ (2)

► (3)

◀ (4)

(1) : Contact closed

(2) : Contact open

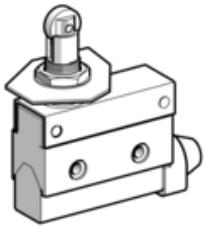
(3) : Tripping

(4) : Resetting

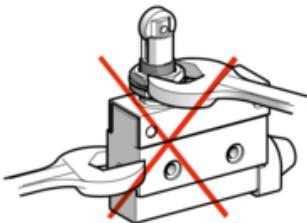
**Mounting and Fixing**

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**Recommended**



**To be Avoided**



**Recommended replacement(s)**