

# Product datasheet

Specifications



## Limit switch, Limit switches XC Standard, XCJ, short flat roller lever plunger, 1C/O

XCJ127

! Discontinued on: 25 January 2022

! End-of-service on: 30 June 2022

! Discontinued

### Main

Range of product	OsiSense XC
Series name	Asie
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
Switch actuation	By 30° cam
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	2.3 N

### Complementary

Contacts insulation form	C
Minimum release force	0.78 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

<b>Maximum resistance across terminals</b>	25 MΩ
<b>[Uiimp] 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>	21 mm
<b>Height</b>	42 mm
<b>Depth</b>	54 mm
<b>Net weight</b>	0.057 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>	+/- 1.5 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>	-10...80 °C
<b>Product certifications</b>	UL recognized
<b>Standards</b>	UL 1054

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.85 cm
<b>Package 1 Width</b>	2.14 cm
<b>Package 1 Length</b>	7.05 cm
<b>Package 1 Weight</b>	60 g

## Offer Sustainability

<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>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)

XCJ127 is replaced by:

1x



Short flat lever, roller end plunger

XCJ127C