



## Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Microswitch
Device short name	XEP4
Detector design	Subminiature, DIN 41635 B format, sealed
Head type	Plunger head
Lever material	Stainless steel Glass reinforced polyamide roller
Lever fixing position	A
Movement of operating head	Linear
Type of operator	Roller lever
Type of approach	Lateral approach
Electrical connection	2.8 mm cable clip tags
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

## Complementary

Body material	Polyester
Tags material	Tinned brass
Maximum force for tripping	0.83 N lever fixing position in A 1.67 N lever fixing position in B
Minimum release force	0.27 N lever fixing position in A 0.53 N lever fixing position in B
Maximum permissible end of travel force	3.33 N lever fixing position in A 6.67 N lever fixing position in B
Tripping point	0.57 in (14.5 mm) lever fixing position in B 0.61 in (15.5 mm) lever fixing position in A

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

Maximum differential travel	0.01 in (0.2 mm) lever fixing position in B 0.02 in (0.39 mm) lever fixing position in A
Minimum over travel	0.04 in (0.9 mm) lever fixing position in B 0.07 in (1.8 mm) lever fixing position in A
Inter contact distance	0.02 in (0.4 mm)
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 appendix A
[I <sub>th</sub> ] conventional free air thermal current	7.5 A 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	0.28 in (7 mm)
Height	0.39 in (10 mm)
Depth	0.79 in (20 mm)
Net weight	0.11 oz (3.2 g)
Terminals description ISO n°1	(1-2-4)OC

## Environment

IP degree of protection	IP67
Ambient air temperature for operation	-40...257 °F (-40...125 °C)
Marking	CE
Standards	CURus EN 60947-5-1 UL 1054 EN 61058 IEC 60947-5-1

## Packing Units

Package 1 Weight	0.01 lb(US) (0.003 kg)
Package 1 Height	0.070 dm
Package 1 width	0.250 dm
Package 1 Length	0.270 dm

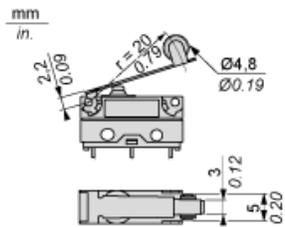
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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Dimensions

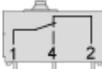


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Wiring Diagram

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Single-pole CO Snap Action



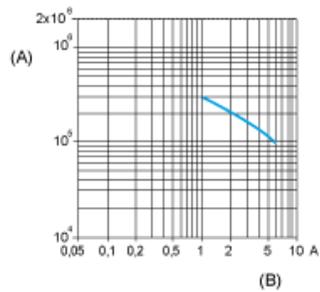
- 1 : Black
- 2 : Grey
- 4 : Blue

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Operating Curves

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250 V AC : Resistive circuit



- (A) Number of cycles
- (B) Current