



### 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	Pre-cabled
Cable length	1.64 ft (0.5 m)
Cable composition	3 x 0.5 mm <sup>2</sup>
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

### Complementary

Body material	Polyester
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

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

	0.61 in (15.5 mm) lever fixing position in A
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
[Ith] conventional free air thermal current	7.5 A 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	0.28 in (7 mm)
Height	0.59 in (15 mm)
Depth	0.79 in (20 mm)
Net weight	0.53 oz (14.9 g)
Terminals description ISO n°1	(1-2-4)OC

## Environment

IP degree of protection	IP67
Ambient air temperature for operation	-40...221 °F (-40...105 °C)
Marking	CE
Standards	UL 1054 EN 60947-5-1 CURus IEC 60947-5-1 EN 61058

## Packing Units

Package 1 Weight	0.04 lb(US) (0.017 kg)
Package 1 Height	0.100 dm
Package 1 width	0.700 dm
Package 1 Length	1.200 dm

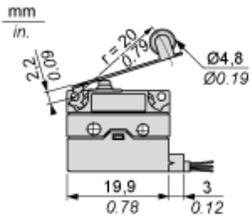
## Offer Sustainability

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

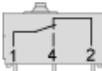


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Wiring Diagram

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Single-pole CO Snap Action



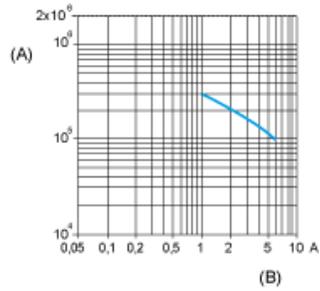
- 1 : Black
- 2 : Grey
- 4 : Blue

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Operating Curves

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250 V AC : Resistive circuit



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