



## 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	Glass reinforced polyamide roller Stainless steel
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
Contacts 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 permanent end of travel force	3.33 N lever fixing position in A 6.67 N lever fixing position in B
Tripping point	14.5 mm lever fixing position in B 15.5 mm lever fixing position in A
Maximum differential travel	0.2 mm lever fixing position in B 0.39 mm lever fixing position in A
Minimum over travel	0.9 mm lever fixing position in B 1.8 mm lever fixing position in A
Inter contact distance	0.4 mm
Contact code designation	B300; AC-15(Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300; DC-13(Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ith] conventional free air thermal current	7.5 A at 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	7 mm
Height	10 mm
Depth	20 mm
Product weight	3.2 g
Terminals description ISO n°1	(1-2-4)OC

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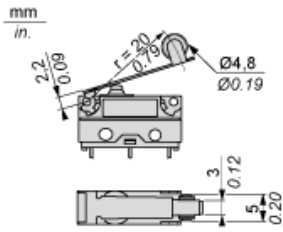
## Environment

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

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0544 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Dimensions

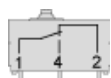


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Wiring Diagram

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Single-pole CO Snap Action



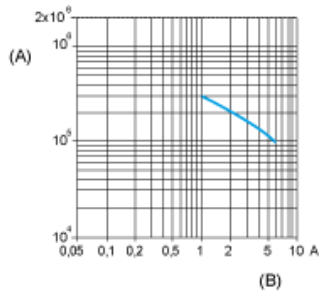
- 1 : Black
- 2 : Grey
- 4 : Blue

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Operating Curves

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250 V AC : Resistive circuit



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