



## 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
Lever fixing position	A
Movement of operating head	Linear
Type of operator	Flat 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	0.63 N lever fixing position in A 1.25 N lever fixing position in B
Minimum release force	0.2 N lever fixing position in A 0.4 N lever fixing position in B
Maximum permanent end of travel force	5 N lever fixing position in B 2.5 N lever fixing position in A
Tripping point	10.7 mm lever fixing position in A 9.6 mm lever fixing position in B
Maximum differential travel	0.26 mm lever fixing position in B 0.52 mm lever fixing position in A
Minimum over travel	1.2 mm lever fixing position in B 2.4 mm lever fixing position in A
Inter contact distance	0.4 mm
Contact code designation	B300; AC-15(U <sub>e</sub> = 240 V, I <sub>e</sub> = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300; DC-13(U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[I <sub>th</sub> ] 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	3.1 g
Terminals description ISO n°1	(1-2-4)OC

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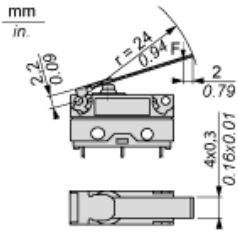
## Environment

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

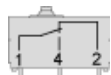


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Wiring Diagram

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Single-pole CO Snap Action



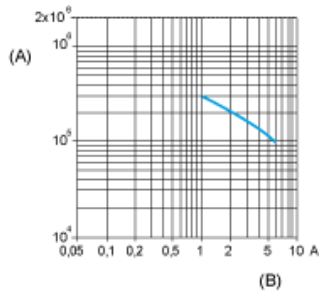
- 1 : Black
- 2 : Grey
- 4 : Blue

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Operating Curves

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250 V AC : Resistive circuit



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