

## 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
Movement of operating head	Linear
Type of operator	Plunger
Switch actuation	On end
Type of approach	Vertical 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	2.5 N lever fixing position in A 2.5 N lever fixing position in B
Minimum release force	0.8 N lever fixing position in A 0.8 N lever fixing position in B
Maximum permissible end of travel force	10 N lever fixing position in A 10 N lever fixing position in B
Tripping point	0.33 in (8.4 mm) lever fixing position in A 0.33 in (8.4 mm) lever fixing position in B
Maximum differential travel	0.01 in (0.13 mm) lever fixing position in A 0.01 in (0.13 mm) lever fixing position in B
Minimum over travel	0.02 in (0.6 mm) lever fixing position in A 0.02 in (0.6 mm) lever fixing position in B
Inter contact distance	0.02 in (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
[I <sub>th</sub> ] conventional free air thermal current	7.5 A at 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	0.28 in (7 mm)
Height	0.55 in (14 mm)
Depth	0.79 in (20 mm)
Product weight	0.5 oz (14.1 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	CURus EN 60947-5-1 EN 61058

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

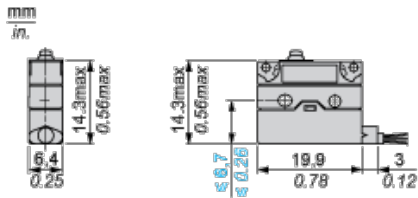
## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0544 - Schneider Electric declaration of conformity	Compliant - since 0544 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

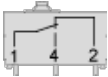
Warranty period	18 months
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## Dimensions



## Wiring Diagram

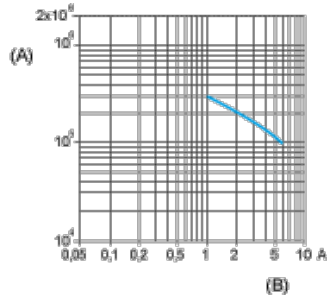
### Single-pole CO Snap Action



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

## Operating Curves

250 V AC : Resistive circuit



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