



## 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	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	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)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	0.24 in (6 mm)
Height	0.39 in (10 mm)
Depth	0.79 in (20 mm)
Net weight	0.08 oz (2.4 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	EN 60947-5-1 IEC 60947-5-1 CURus UL 1054 EN 61058

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.07 oz (2 g)
Package 1 Height	0.28 in (0.7 cm)
Package 1 width	0.79 in (2 cm)
Package 1 Length	0.79 in (2 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Weight	0.46 oz (13 g)
Package 2 Height	1.97 in (5 cm)
Package 2 width	0.39 in (1 cm)
Package 2 Length	2.36 in (6 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Weight	16.65 oz (472 g)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

## 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>

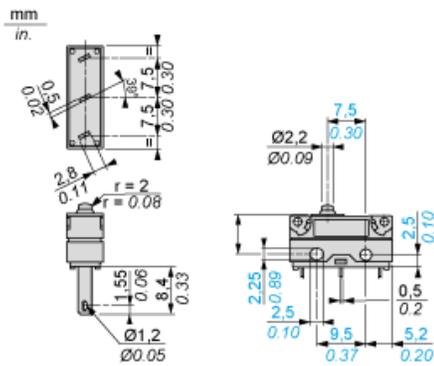
Contractual warranty

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Warranty	18 months
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Dimensions

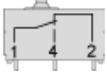


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Wiring Diagram

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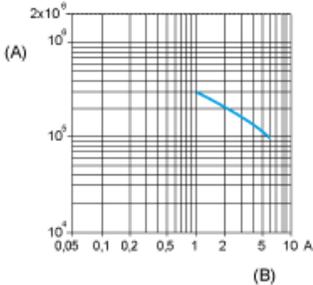
Single-pole CO Snap Action



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

Operating Curves

250 V AC : Resistive circuit



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