



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 ²
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)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	0.55 in (14 mm)
Depth	0.79 in (20 mm)
Net weight	0.50 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	EN 61058 CURus IEC 60947-5-1 UL 1054 EN 60947-5-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.56 oz (16 g)
Package 1 Height	0.39 in (1 cm)
Package 1 width	3.15 in (8 cm)
Package 1 Length	3.94 in (10 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Weight	2.86 oz (81 g)
Package 2 Height	3.15 in (8 cm)
Package 2 width	1.18 in (3 cm)
Package 2 Length	3.94 in (10 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Weight	4.07 lb(US) (1.845 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

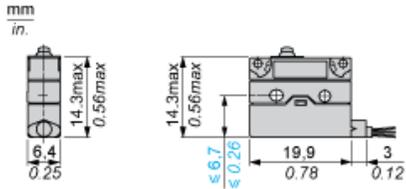
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

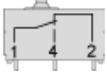
Warranty	18 months
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Dimensions



Wiring Diagram

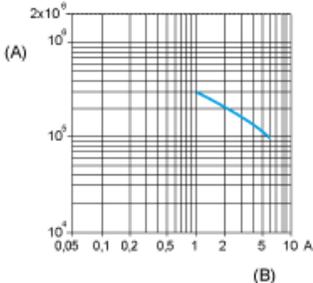
Single-pole CO Snap Action



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

Operating Curves

250 V AC : Resistive circuit



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