



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	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	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 permissible end of travel force	5 N lever fixing position in B 2.5 N lever fixing position in A
Tripping point	0.42 in (10.7 mm) lever fixing position in A

	0.38 in (9.6 mm) lever fixing position in B
Maximum differential travel	0.01 in (0.26 mm) lever fixing position in B 0.02 in (0.52 mm) lever fixing position in A
Minimum over travel	0.05 in (1.2 mm) lever fixing position in B 0.09 in (2.4 mm) lever fixing position in A
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
[I _{th}] conventional free air thermal current	7.5 A 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	0.28 in (7 mm)
Height	0.59 in (15 mm)
Depth	0.79 in (20 mm)
Net weight	0.52 oz (14.8 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	UL 1054 EN 60947-5-1 EN 61058 IEC 60947-5-1 CURus

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.60 oz (17 g)
Package 1 Height	0.59 in (1.5 cm)
Package 1 width	2.76 in (7 cm)
Package 1 Length	4.72 in (12 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Weight	3.10 oz (88 g)
Package 2 Height	2.76 in (7 cm)
Package 2 width	1.18 in (3 cm)
Package 2 Length	4.72 in (12 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Weight	4.24 lb(US) (1.924 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)

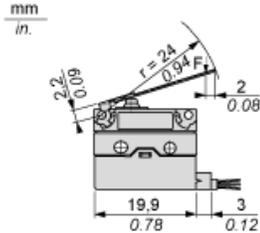
Offer Sustainability

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

Contractual warranty

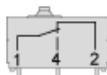
Warranty	18 months
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Dimensions



Wiring Diagram

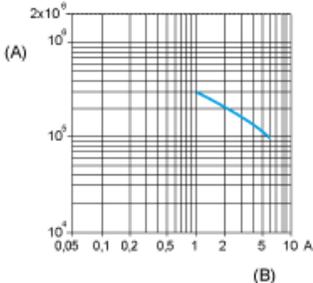
Single-pole CO Snap Action



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

Operating Curves

250 V AC : Resistive circuit



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