



Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Microswitch
Device short name	XEP3
Detector design	Miniature, DIN 41635 A format
Head type	Plunger head
Lever material	Glass reinforced polyamide roller Stainless steel
Lever fixing position	B
Movement of operating head	Linear
Type of operator	Roller lever
Switch actuation	Horizontal
Type of approach	Lateral approach
Electrical connection	4.8 mm cable clip tags
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgNi

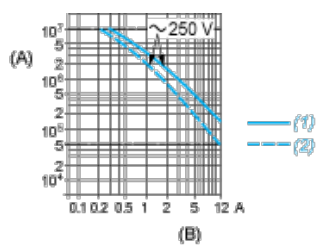
Complementary

Body material	Polyester
Maximum force for tripping	0.2 N lever fixing position in A 0.4 N lever fixing position in B 0.53 N lever fixing position in C
Minimum release force	0.05 N lever fixing position in A 0.1 N lever fixing position in B 0.13 N lever fixing position in C
Maximum permissible end of travel force	10 N lever fixing position in B 13 N lever fixing position in C 5 N lever fixing position in A
Tripping point	0.81 in (20.5 mm) lever fixing position in A 0.81 in (20.5 mm) lever fixing position in B 0.81 in (20.5 mm) lever fixing position in C
Maximum differential travel	0.02 in (0.53 mm) lever fixing position in C 0.03 in (0.7 mm) lever fixing position in B 0.06 in (1.4 mm) lever fixing position in A
Minimum over travel	0.07 in (1.8 mm) lever fixing position in C 0.09 in (2.4 mm) lever fixing position in B 0.19 in (4.8 mm) lever fixing position in A
Inter contact distance	0.02 in (0.4 mm)
Contact code designation	B300; AC-15(U _e = 240 V, I _e = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300; DC-13(U _e = 250 V, I _e = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[I _{th}] conventional free air thermal current	15 A at 250 V 50/60 Hz
Mechanical durability	20000000 cycles
Width	0.39 in (10 mm)
Height	0.63 in (16 mm)
Depth	1.1 in (28 mm)
Product weight	0.23 oz (6.6 g)
Terminals description ISO n°1	(1-2-4)OC

Environment

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Operating Curves



(A) Number of cycles

(B) Current

1 : Resistive circuit

2 : Inductive circuit