



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	6.35 mm cable clip tags
Contacts type and composition	1 C/O standard
Contacts 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 permanent 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	20.5 mm lever fixing position in A 20.5 mm lever fixing position in B 20.5 mm lever fixing position in C
Maximum differential travel	0.53 mm lever fixing position in C 0.7 mm lever fixing position in B 1.4 mm lever fixing position in A
Minimum over travel	1.8 mm lever fixing position in C 2.4 mm lever fixing position in B 4.8 mm lever fixing position in A
Inter contact distance	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
[Ith] conventional free air thermal current	15 A at 250 V 50/60 Hz
Mechanical durability	20000000 cycles
Width	10 mm
Height	16 mm
Depth	28 mm

Product weight	6.6 g
Terminals description ISO n°1	(1-2-4)OC

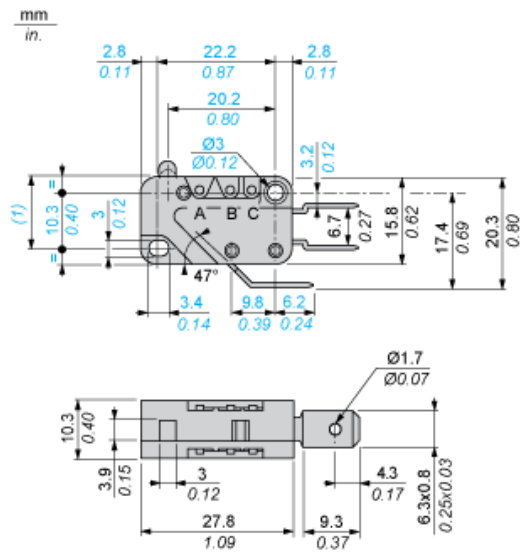
Environment

IP degree of protection	IP40
Ambient air temperature for operation	-25...125 °C
Marking	CE
Standards	CURus EN 60947-5-1 EN 61058 IEC 60947-5-1 UL 1054

Offer Sustainability

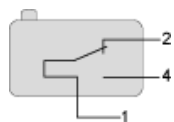
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0549 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Dimensions



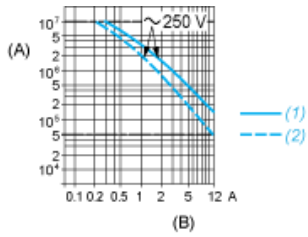
Wiring Diagram

Single-pole CO Snap Action



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

Operating Curves



- (A) Number of cycles
- (B) Current
- 1 : Resistive circuit
- 2 : Inductive circuit