

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
Movement of operating head	Linear
Type of operator	Plunger
Switch actuation	On end
Type of approach	Vertical approach
Electrical connection	Solder tags
Contacts type and composition	1 C/O standard
Contacts operation	Snap action
Contacts material	AgNi

Complementary

Body material	Polyester
Maximum force for tripping	0.8 N lever fixing position in C 0.8 N lever fixing position in B 0.8 N lever fixing position in A
Minimum release force	0.2 N lever fixing position in C 0.2 N lever fixing position in B 0.2 N lever fixing position in A
Maximum permanent end of travel force	20 N lever fixing position in C 20 N lever fixing position in B 20 N lever fixing position in A
Tripping point	14.7 mm lever fixing position in C 14.7 mm lever fixing position in B 14.7 mm lever fixing position in A
Maximum differential travel	0.35 mm lever fixing position in C 0.35 mm lever fixing position in B 0.35 mm lever fixing position in A
Minimum over travel	1.2 mm lever fixing position in C 1.2 mm lever fixing position in B 1.2 mm lever fixing position in A
Inter contact distance	0.4 mm
Contact code designation	R300; DC-13(Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A B300; AC-15(Ue = 240 V, Ie = 1.5 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	5.6 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 environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

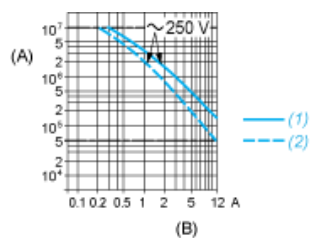
Wiring Diagram

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