

XEP3S1W6

miniature limit switch - flat plunger - 4.8 mm cable clip tags



Price* : 2.90 GBP



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	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	0.8 N lever fixing position in A 0.8 N lever fixing position in B 0.8 N lever fixing position in C
Minimum release force	0.2 N lever fixing position in A 0.2 N lever fixing position in B 0.2 N lever fixing position in C
Maximum permissible end of travel force	20 N lever fixing position in A 20 N lever fixing position in B 20 N lever fixing position in C
Tripping point	14.7 mm lever fixing position in A 14.7 mm lever fixing position in B 14.7 mm lever fixing position in C

Maximum differential travel	0.35 mm lever fixing position in A 0.35 mm lever fixing position in B 0.35 mm lever fixing position in C
Minimum over travel	1.2 mm lever fixing position in A 1.2 mm lever fixing position in B 1.2 mm lever fixing position in C
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	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	EN 61058 UL 1054 CURus IEC 60947-5-1 EN 60947-5-1

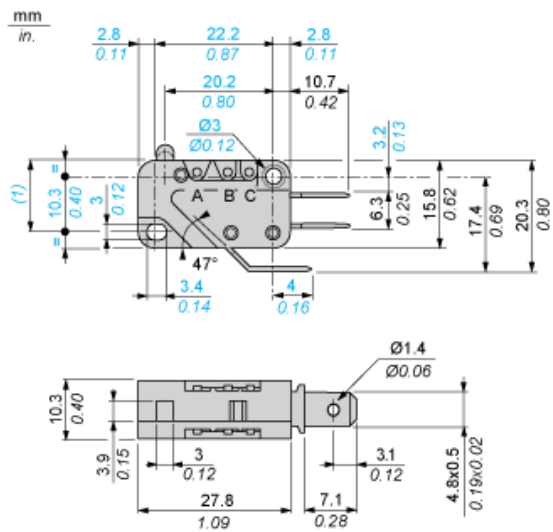
Offer Sustainability

Sustainable offer status	Green Premium product
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
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months
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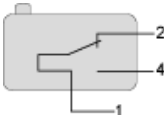
Dimensions



(1) 13.2 max.

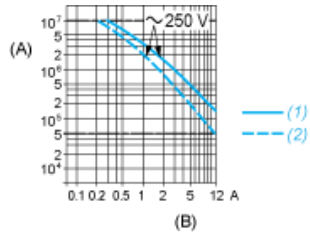
Wiring Diagram

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