XEP5P1W2

miniature limit switch - flat plunger - solder tags

Green Premium Product

Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Microswitch
Device short name	XEP5
Detector design	Sub-subminiature, DIN 41635 D 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	Ag

Complementary

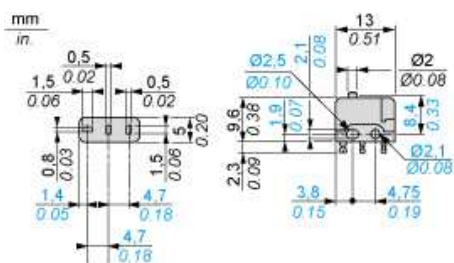|	
Body material	Diallyl-phtalate
Tags material	Gold plated brass
Maximum force for tripping	2 N
Minimum release force	0.4 N
Maximum permanent end of travel force	10 N
Tripping point	8.4 mm
Maximum differential travel	0.06 mm
Minimum over travel	0.1 mm
Inter contact distance	0.3 mm
Contact code designation	D300; AC-15(Ue = 240 V, Ie = 0.3 A) conforming to EN/IEC 60947-5-1 appendix A
[Ith] conventional free air thermal current	8.5 A at 250 V 50/60 Hz
Mechanical durability	100000 cycles
Width	5 mm
Height	10 mm
Depth	13 mm
Product weight	1.4 g
Terminals description ISO n°1	(1-2-4)OC

Environment

IP degree of protection	IP40
Ambient air temperature for operation	-40...125 °C
Marking	CE
Standards	CURus EN 60947-5-1 EN 61058 IEC 60947-5-1 UL 1054

Offer Sustainability

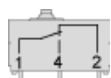|	
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0549 - ⤴ Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available ⬇ Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Telemecanique
Sensors

Dimensions

Wiring Diagram

Single-pole CO Snap Action
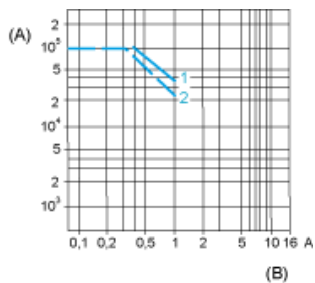

1 :   Black
2 :   Grey
4 :   Blue

Operating Curves

250 V AC : Resistive circuit

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