Product datasheet
Characteristics

XEP3S2W3B529

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 very low force
Contact operation	Snap action
Contacts material	AgNi

Complementary

Body material	Polyester
Maximum force for tripping	0.06 N lever fixing position in A 0.13 N lever fixing position in B 0.17 N lever fixing position in C
Minimum release force	0.01 N lever fixing position in A 0.03 N lever fixing position in B 0.03 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	0.06 in (1.65 mm) lever fixing position in C 0.09 in (2.2 mm) lever fixing position in B 0.17 in (4.4 mm) lever fixing position in A
Inter contact distance	0.02 in (0.4 mm)
Contact code designation	B300; AC-15(Ue = 240 V, Ie = 1.5 A) conforming to IEC 60947-5-1 appendix A D300; AC-15(Ue = 240 V, Ie = 0.3 A) conforming to IEC 60947-5-1 appendix A
[Ith] conventional free air thermal current	5 A at 250 V 50/60 Hz
Mechanical durability	50000000 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

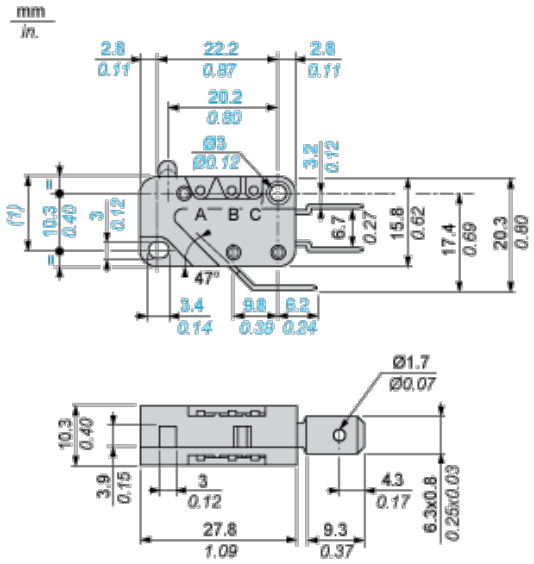
Environment

IP degree of protection	IP40
ambient air temperature for operation	-13...257 °F (-25...125 °C)
marking	CE
standards	CURus EN 60947-5-1 EN 61058 IEC 60947-5-1 UL 1054

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0549 - Schneider Electric declaration of conformity	Compliant - since 0549 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

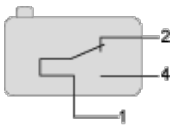
Dimensions



(1) 13.2 max.

Wiring Diagram

Single-pole CO Snap Action

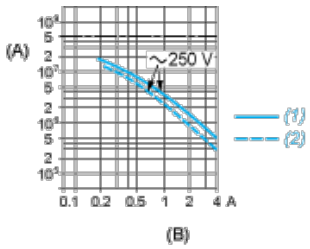


1 : Black

2 : Grey

4 : Blue

Operating Curves



(A) Number of cycles

(B) Current

1 : Resistive circuit

2 : Inductive circuit

Mouser Electronics

Authorized Distributor

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