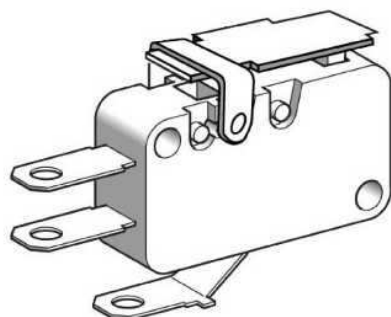


# XEP3S2W3B524

miniature limit switch - low force cont. - flat lever - 6.35 mm cable clip tags



## 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	Stainless steel
Lever fixing position	B
Movement of operating head	Linear
Type of operator	Flat 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
Contacts operation	Snap action
Contacts material	AgNi

## Complementary

Body material	Polyester
Maximum force for tripping	0.17 N lever fixing position in C 0.13 N lever fixing position in B 0.06 N lever fixing position in A
Minimum release force	0.03 N lever fixing position in C 0.03 N lever fixing position in B 0.01 N lever fixing position in A
Maximum permanent end of travel force	5 N lever fixing position in A 13 N lever fixing position in C 10 N lever fixing position in B
Tripping point	15.2 mm lever fixing position in C 15.2 mm lever fixing position in B 15.2 mm lever fixing position in A
Maximum differential travel	1.4 mm lever fixing position in A 0.7 mm lever fixing position in B 0.53 mm lever fixing position in C
Minimum over travel	4.4 mm lever fixing position in A 2.2 mm lever fixing position in B 1.65 mm lever fixing position in C
Inter contact distance	0.4 mm
Contact code designation	D300; AC-15(Ue = 240 V, Ie = 0.3 A) conforming to IEC 60947-5-1 appendix A B300; AC-15(Ue = 240 V, Ie = 1.5 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	10 mm
Height	16 mm
Depth	28 mm
Product weight	6.3 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 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Need no specific recycling operations

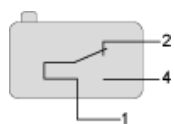


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## Wiring Diagram

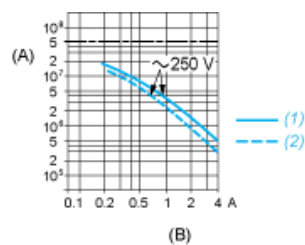
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### Single-pole CO Snap Action



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

## Operating Curves



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