



Main

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| 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 | 4.8 mm cable clip tags |
| Contacts type and composition | 1 C/O standard |
| Contacts operation | Snap action |
| Contacts material | AgNi |

Complementary

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|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body material | Polyester |
| Maximum force for tripping | 0.2 N lever fixing position in A 0.4 N lever fixing position in B 0.53 N lever fixing position in C |
| Minimum release force | 0.05 N lever fixing position in A 0.1 N lever fixing position in B 0.13 N lever fixing position in C |
| Maximum permanent 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 | 20.5 mm lever fixing position in A 20.5 mm lever fixing position in B 20.5 mm lever fixing position in C |
| Maximum differential travel | 0.53 mm lever fixing position in C 0.7 mm lever fixing position in B 1.4 mm lever fixing position in A |
| Minimum over travel | 1.8 mm lever fixing position in C 2.4 mm lever fixing position in B 4.8 mm lever fixing position in A |
| 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 |

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| Product weight | 6.6 g |
| Terminals description ISO n°1 | (1-2-4)OC |

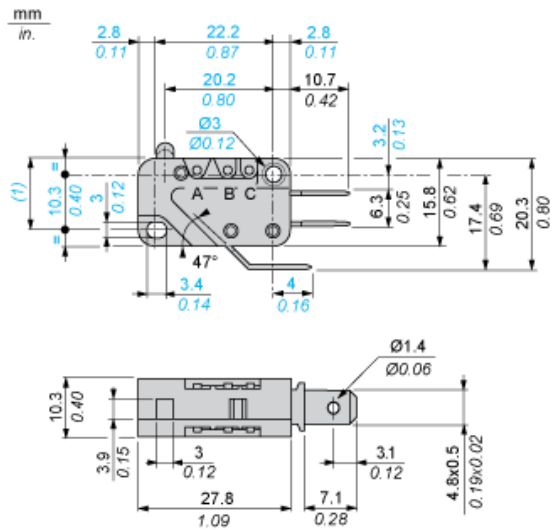
Environment

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|---------------------------------------|---------------------------------------------------------------|
| 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

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|----------------------------------|---------------------------------------------------------------------------------------|
| 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 end of life instructions | Need no specific recycling operations |

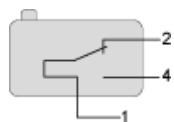
Dimensions



(1) 13.2 max.

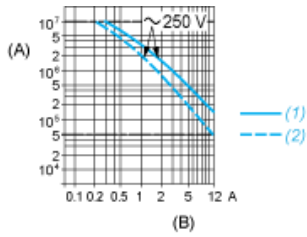
Wiring Diagram

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