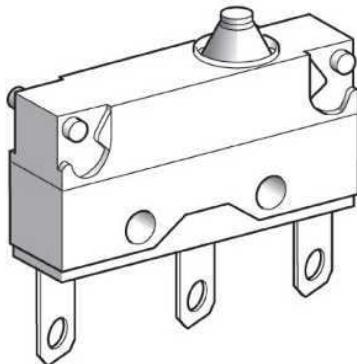


Product data sheet

Characteristics

XEP4E1W7

miniature limit switch - flat plunger - 2.8 mm
cable clip tags



Main

| | |
|-------------------------------|--|
| Range of product | OsiSense XC |
| Series name | Special format |
| Product or component type | Microswitch |
| Device short name | XEP4 |
| Detector design | Subminiature, DIN 41635 B format, sealed |
| Head type | Plunger head |
| Movement of operating head | Linear |
| Type of operator | Plunger |
| Switch actuation | On end |
| Type of approach | Vertical approach |
| Electrical connection | 2.8 mm cable clip tags |
| Contacts type and composition | 1 C/O standard |
| Contacts operation | Snap action |
| Contacts material | AgCdO |

Complementary

| | |
|---|--|
| Body material | Polyester |
| Tags material | Tinned brass |
| Maximum force for tripping | 2.5 N lever fixing position in B 2.5 N lever fixing position in A |
| Minimum release force | 0.8 N lever fixing position in B 0.8 N lever fixing position in A |
| Maximum permanent end of travel force | 10 N lever fixing position in B 10 N lever fixing position in A |
| Tripping point | 8.4 mm lever fixing position in B 8.4 mm lever fixing position in A |
| Maximum differential travel | 0.13 mm lever fixing position in B 0.13 mm lever fixing position in A |
| Minimum over travel | 0.6 mm lever fixing position in B 0.6 mm lever fixing position in A |
| Inter contact distance | 0.4 mm |
| Contact code designation | R300; DC-13(Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A B300; AC-15(Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A |
| [Ith] conventional free air thermal current | 7.5 A at 250 V 50/60 Hz |
| Mechanical durability | 2000000 cycles |
| Width | 6 mm |
| Height | 10 mm |
| Depth | 20 mm |
| Product weight | 2.4 g |
| Terminals description ISO n°1 | (1-2-4)OC |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

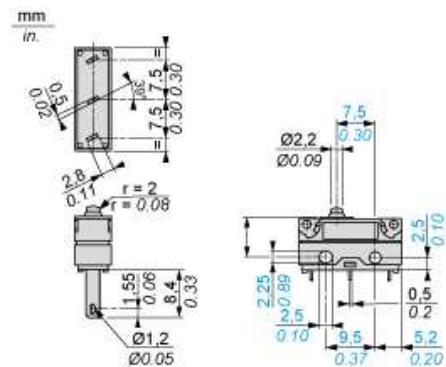
Environment

| | |
|---------------------------------------|---|
| IP degree of protection | IP67 |
| 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

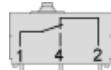
| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0544 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Need no specific recycling operations |

Dimensions



Wiring Diagram

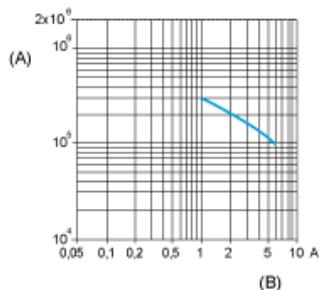
Single-pole CO Snap Action



1 : Black
2 : Grey
4 : Blue

Operating Curves

250 V AC : Resistive circuit



(A) Number of cycles
(B) Current