

XEP3S1W6

Microswitch, Limit switches XC Standard, miniature limit switch, flat plunger, 4.8 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 |
| Movement of operating head | Linear |
| Type of operator | Plunger |
| Switch actuation | On end |
| Type of approach | Vertical approach |
| Electrical connection | 4.8 mm cable clip tags |
| Contacts type and composition | 1 C/O standard |
| Contact operation | Snap action |
| Contacts material | AgNi |

Complementary

| | |
|---|--|
| Body material | Polyester |
| Maximum force for tripping | 0.8 N lever fixing position in A 0.8 N lever fixing position in B 0.8 N lever fixing position in C |
| Minimum release force | 0.2 N lever fixing position in A 0.2 N lever fixing position in B 0.2 N lever fixing position in C |
| Maximum permissible end of travel force | 20 N lever fixing position in A 20 N lever fixing position in B 20 N lever fixing position in C |
| Tripping point | 14.7 Mm lever fixing position in A 14.7 Mm lever fixing position in B 14.7 mm lever fixing position in C |
| Maximum differential travel | 0.35 Mm lever fixing position in A 0.35 Mm lever fixing position in B 0.35 mm lever fixing position in C |
| Minimum over travel | 1.2 Mm lever fixing position in A 1.2 Mm lever fixing position in B 1.2 mm lever fixing position in C |
| 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 |
| Net weight | 5.6 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 TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|---|
| IP degree of protection | IP40 |
| Ambient air temperature for operation | -25...125 °C |
| Marking | CE |
| Standards | EN 61058 UL 1054 CURus IEC 60947-5-1 EN 60947-5-1 |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.5 cm |
| Package 1 Width | 7.0 cm |
| Package 1 Length | 14.0 cm |
| Package 1 Weight | 5.0 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 1.5 cm |
| Package 2 Width | 7.0 cm |
| Package 2 Length | 14.0 cm |
| Package 2 Weight | 56.0 g |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 200 |
| Package 3 Height | 15.0 cm |
| Package 3 Width | 15.0 cm |
| Package 3 Length | 40.0 cm |
| Package 3 Weight | 1.337 kg |

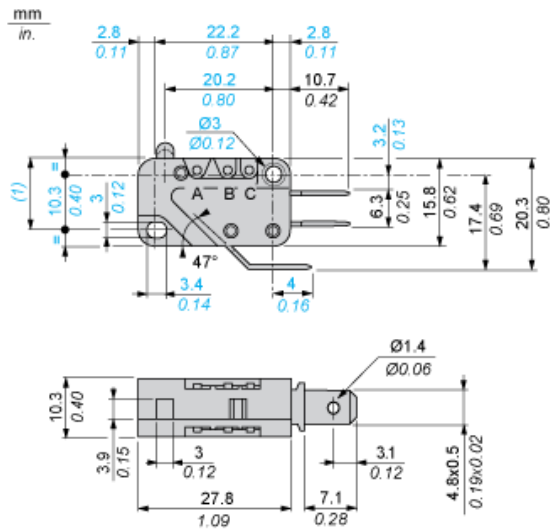
Offer Sustainability

| | |
|--|---|
| Sustainable offer status | Green Premium product |
| Toxic heavy metal free | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| California proposition 65 | WARNING: This product can expose you to chemicals including: 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. For more information go to www.P65Warnings.ca.gov |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

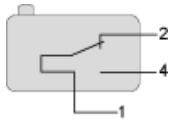
Dimensions



(1) 13.2 max.

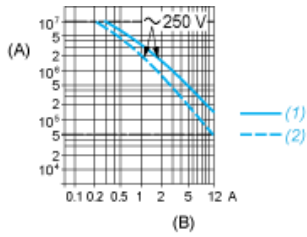
Wiring Diagram

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