

XEP3S2W6

Microswitch, Limit switches XC Standard, miniature limit switch, low force cont., 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 very low force |
| Contact operation | Snap action |
| Contacts material | AgNi |

Complementary

| | |
|---|--|
| Body Material | Polyester |
| Maximum force for tripping | 0.25 N lever fixing position in A 0.25 N lever fixing position in B 0.25 N lever fixing position in C |
| Minimum release force | 0.05 N lever fixing position in A 0.05 N lever fixing position in B 0.05 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 | 0.58 In (14.7 mm) lever fixing position in A 0.58 In (14.7 mm) lever fixing position in B 0.58 in (14.7 mm) lever fixing position in C |
| Maximum differential travel | 0.01 In (0.35 mm) lever fixing position in A 0.01 In (0.35 mm) lever fixing position in B 0.01 in (0.35 mm) lever fixing position in C |
| Minimum over travel | 0.04 In (1.1 mm) lever fixing position in A 0.04 In (1.1 mm) lever fixing position in B 0.04 in (1.1 mm) lever fixing position in C |
| Inter contact distance | 0.02 in (0.4 mm) |
| Contact code designation | B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A D300, AC-15 (Ue = 240 V, Ie = 0.3 A)EN/IEC 60947-5-1 appendix A |
| [Ith] conventional free air thermal current | 5 A 250 V 50/60 Hz |
| Mechanical durability | 50000000 cycles |
| Width | 0.39 in (10 mm) |
| Height | 0.63 in (16 mm) |
| Depth | 1.10 in (28 mm) |
| Net Weight | 0.20 oz (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 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 | IP40 |
| Ambient Air Temperature for Operation | -13...257 °F (-25...125 °C) |
| Marking | CE |
| Standards | UL 1054 CURus EN 60947-5-1 EN 61058 IEC 60947-5-1 |





Ordering and shipping details

| | |
|-----------------------|----------------------------------|
| Category | 22449-LIMIT SWITCHES,ACCESSORIES |
| Discount Schedule | T |
| GTIN | 3389110300055 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.21 oz (6.0 g) |
| Returnability | No |
| Country of origin | MA |

Packing Units

| | |
|------------------------------|--------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 0.39 in (1 cm) |
| Package 1 width | 0.79 in (2 cm) |
| Package 1 Length | 1.57 in (4 cm) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Weight | 2.15 oz (61.0 g) |
| Package 2 Height | 0.59 in (1.5 cm) |
| Package 2 width | 2.76 in (7 cm) |
| Package 2 Length | 5.12 in (13 cm) |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 100 |
| Package 3 Weight | 29.45 oz (835.0 g) |
| Package 3 Height | 5.91 in (15 cm) |
| Package 3 width | 5.91 in (15 cm) |
| Package 3 Length | 15.75 in (40 cm) |

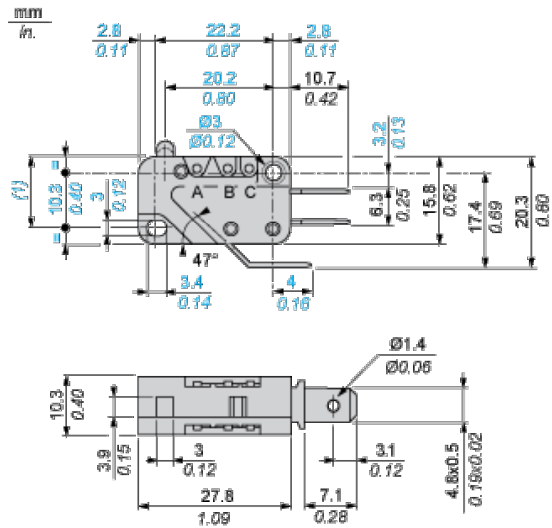
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |

Contractual warranty

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

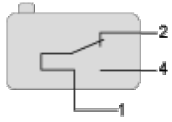
Dimensions



(1) 13.2 max.

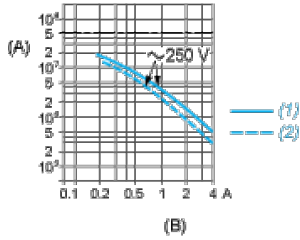
Wiring Diagram

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