



Main

| | |
|-------------------------------|---|
| Range of product | Preventa Safety detection |
| Product or component type | Safety switch |
| Component name | XCSA |
| Design | Industrial |
| Material | Metal |
| Head type | Key operated turret head |
| Contacts type and composition | 2 NC + 1 NO |
| Contact operation | Slow-break, break before make |
| Cable entry | 1 entry tapped Pg 13.5 |
| Cable outer diameter | 0.35...0.47 in (9...12 mm) |
| Electrical connection | Terminal, 1 x 0.5...2 x 1.5 mm ² with or without cable end |
| Number of poles | 3 |
| Locking options description | Without locking of actuator |
| Local signalling | Without |

Complementary

| | |
|--|--|
| Positive opening | With NC contact |
| Mechanical durability | >= 1000000 cycles |
| Minimum actuation speed | 0.03 ft/s (0.01 m/s) |
| Maximum actuation speed | 1.64 ft/s (0.5 m/s) |
| [Ie] rated operational current | 6 A at 120 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1 3 A at 240 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1 0.55 A at 125 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-5-1 |
| Short-circuit protection | 10 A cartridge fuse type gG (gl) |
| Actuator force for extraction | >= 20 N |
| Operating rate | 10 cyc/mn for maximum durability |
| Safety level | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 |
| Safety reliability data | B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear) |
| Body material | Zamak |
| Head material | Zamak |
| Depth | 1.73 in (44 mm) |
| Height | 4.49 in (114 mm) |
| Width | 1.57 in (40 mm) |
| Product weight | 0.97 lb(US) (0.44 kg) |

Environment

| | |
|-----------|-------------------|
| standards | EN 1088/ISO 14119 |
|-----------|-------------------|

EN/IEC 60204-1
 EN/IEC 60947-5-1
 EN/ISO 12100
 UL 508
 CSA C22.2 No 14

| | |
|---------------------------------------|--|
| product certifications | CSA UL |
| protective treatment | TC |
| ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| vibration resistance | 5 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 10 gn 11 ms conforming to IEC 60068-2-27 |
| electrical shock protection class | Class I conforming to EN/IEC 61140 |
| IP degree of protection | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Offer Sustainability

| | |
|--|--|
| Green Premium product | Green Premium product |
| Compliant - since 0941 - Schneider Electric declaration of conformity | Compliant - since 0941 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Need no specific recycling operations | Need no specific recycling operations |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | 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. | 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 more information go to www.p65warnings.ca.gov |

Contractual warranty

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