



Main

| | |
|-------------------------------|---|
| Range of product | Preventa ATEX D |
| Product or component type | Safety switch |
| Device short name | XCSA |
| Material | Metal |
| Head type | Key operated turret head |
| Cable entry number | 1 tapped entry (M20 x 1.5) for cable gland (included), cable outer diameter: 0.28...0.51 in (7...13 mm) |
| Electrical connection | Terminal |
| Clamping connection capacity | 1 x 0.5...2 x 1.5 mm ² with or without cable end |
| Number of poles | 3 |
| Contacts type and composition | 1 NC + 2 NO |
| Contact operation | Slow-break, break before make |
| Positive opening | With NC contact |
| Locking options description | Without locking of actuator |

Complementary

| | |
|--|--|
| Local signalling | Without |
| 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) |
| Contact code designation | A300, AC-15 (120 V, I _e = 6 A) conforming to EN/IEC 60947-5-1 A300, AC-15 (240 V, I _e = 3 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (125 V, I _e = 0.55 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (250 V, I _e = 0.27 A) conforming to EN/IEC 60947-5-1 |
| [I _{th}] conventional enclosed thermal current | 10 A |
| [U _i] 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 |
| [U _{imp}] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-5-1 |
| Short-circuit protection | 10 A cartridge fuse, gG (gl) |
| Actuator force for extraction | >= 20 N |
| Operating rate | <= 10 cyc/mn for maximum durability |
| Body material | Zamak |
| Head material | Zamak |
| CAD overall width | 1.57 in (40 mm) |
| CAD overall height | 4.49 in (114 mm) |
| CAD overall depth | 1.73 in (44 mm) |
| Product weight | 0.97 lb(US) (0.44 kg) |

Environment

| | |
|-------------------------|--|
| safety level | Can reach category 4 conforming to EN/ISO 13849-1 with the appropriate monitoring system and correctly wired Can reach PL = e conforming to EN/ISO 13849-1 with the appropriate monitoring system and correctly wired Can reach SIL 3 conforming to IEC 61508 with the appropriate monitoring system and correctly wired |
| safety reliability data | B10d = 500000 value given for a life time of 20 years limited by mechanical or contact wear |
| protective treatment | TC |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

| | |
|---------------------------------------|--|
| 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 60536 |
| IP degree of protection | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |
| marking | II2 D-Ex tb IIIC T85°C Db IP67 |
| dust zone | Zone 21 - 22 |
| product certifications | IEC-Ex INE 17.0020X |
| standards | EN/IEC 60079-0 EN/IEC 60079-31 |
| directives | 2014/34/EU - ATEX directive |

Offer Sustainability

| | |
|--|--|
| Green Premium product | Green Premium product |
| Compliant - since 1014 - Schneider Electric declaration of conformity | Compliant - since 1014 - 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 |