



Main

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| 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 | 1 NC + 2 NO |
| Contact operation | Slow-break, break before make |
| Cable entry | 1 entry tapped M20 x 1.5 |
| Cable outer diameter | 7...13 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 | 1 LED orange (on opening of NC contacts) |
| Signalling circuit voltage | 110/240 V |

Complementary

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| Positive opening | With NC contact |
| Signalling circuit type | AC |
| Mechanical durability | >= 1000000 cycles |
| Minimum actuation speed | 0.01 m/s |
| Maximum actuation speed | 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 | 300 V conforming to CSA C22.2 No 14 500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-5-1 |
| Short-circuit protection | 10 A cartridge fuse type gG (gl) |

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| 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 | 44 mm |
| Height | 114 mm |
| Width | 40 mm |
| Product weight | 0.44 kg |

Environment

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| Standards | EN/IEC 60947-5-1 EN/ISO 12100 CSA C22.2 No 14 EN/IEC 60204-1 UL 508 EN 1088/ISO 14119 |
| Product certifications | UL CSA |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 5 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 10 gn for 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

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| RoHS (date code: YYWW) | Will not be compliant Will not be compliant |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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| Warranty period | 18 months |
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