

XCSTE5341

plastic safety switch XCSTE - 1NC + 1NO -
slow break - 1 entry tapped Pg 11-230V

Main

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| Commercial Status | Commercialised |
| Range of product | Preventa Safety detection |
| Product or component type | Safety switch |
| Component name | XCSTE |
| Design | Rectangular |
| Material | Plastic |
| Head type | Key operated turret head |
| Contacts type and composition | 1 NC + 1 NO |
| Contacts operation | Slow-break, break before make |
| Solenoid contacts type and composition | 1 NC (slow-break) |
| Cable entry | 1 entry tapped Pg 11 |
| Electromagnet interlocking | Locking on de-energisation and unlocking on energisation of solenoid |
| [Us] Solenoid Rated Supply Voltage | 20...10 % |
| Cable outer diameter | 7...10 mm |
| Electrical connection | Terminal, 1 x 0.5...2 x 1.5 mm ² with or without cable end |
| Number of poles | 2 |
| Locking options description | With interlocking, locking by solenoid |

Complementary

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| Insulation | Double insulated |
| Positive opening | With NC contact |
| Supply voltage type | AC/DC |
| Supply frequency | 50/60 Hz |
| Load factor | 1 |
| Power consumption in VA | 10 VA |
| Mechanical durability | 1000000 cycles |
| Positive opening minimum force | 15 N |
| Minimum actuation speed | 0.01 m/s |
| Maximum actuation speed | 0.5 m/s |
| [Ie] rated operational current | 1.5 A at 240 V utilisation category AC-15, B300 conforming to EN/IEC 60947-5-1 3 A at 120 V utilisation category AC-15, B300 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 0.55 A at 125 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 6 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) |
| Actutr forcible withdrawal rtc | 500 N |
| Operating rate | 10 cyc/mn for maximum durability |

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| Safety level | Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 |
| Safety reliability data | B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear) |
| Body material | PA (polyamide) |
| Head material | PA (polyamide) |
| CAD overall width | 110 mm |
| CAD overall height | 94 mm |
| CAD overall depth | 33 mm |
| Product weight | 0.36 kg |

Environment

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| Standards | CSA C22-2 No 14 EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 UL 508 |
| Product certifications | CSA UL |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...60 °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 |
| Class of protection against electric shock | Class II conforming to EN/IEC 60536 |
| IP degree of protection | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

RoHS compliance

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| RoHS EUR status | Compliant |
| RoHS EUR conformity date(YYWW) | 1150 |

Contractual warranty

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| Period | 18 months |
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