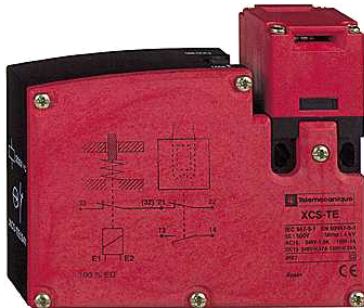


## XCSTE7512

plastic safety switch XCSTE - 2 NC - slow break - 1  
entry tapped M16- 24 V



### Main

|  |   |
|--|---|
| 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          | 2 NC  |
| Contacts operation                     | Slow-break, simultaneous  |
| Solenoid contacts type and composition | 1 NC (slow-break)   |
| Cable entry                            | 1 entry tapped M16 x 1.5  |
| Electromagnet interlocking             | Locking on energisation and unlocking on de-energisation of solenoid  |
| [Us] rated supply voltage              | 24 V (- 20...10 %)  |
| Cable outer diameter                   | 7...10 mm   |
| Electrical connection                  | Terminal, 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end |
| Number of poles                        | 2   |
| Locking options description            | With interlocking, locking by solenoid                                |

### Complementary

|  |  |
|--|--|
| 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               | 0.55 A at 125 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1<br>3 A at 120 V utilisation category AC-15, B300 conforming to EN/IEC 60947-5-1<br>1.5 A at 240 V utilisation category AC-15, B300 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<br>300 V conforming to UL 508<br>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   |
| Safety level                                 | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508    |

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|                         |  |
|-------------------------|--|
| 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)   |
| Depth                   | 33 mm  |
| Height                  | 94 mm  |
| Width                   | 110 mm   |
| Product weight          | 0.36 kg  |

## Environment

|  |  |
|--|--|
| Standards                                  | EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>EN/ISO 12100<br>UL 508<br>CSA C22.2 No 14 |
| Product certifications                     | CSA<br>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   |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 1014 - Schneider Electric declaration of conformity |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |