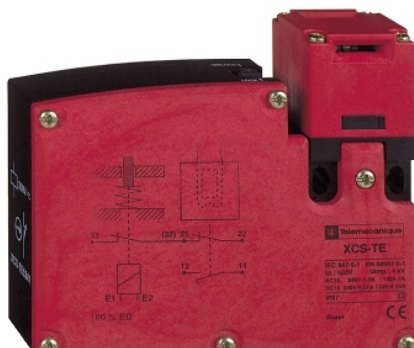


# XCSTE7511

plastic safety switch XCSTE - 2 NC - slow  
break - 1 entry tapped Pg 11- 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                                                                                     |
| Contact operation                      | Slow-break, simultaneous                                                                 |
| Solenoid contacts type and composition | 1 NC (slow-break)                                                                        |
| Cable entry                            | 1 entry tapped for Pg 11                                                                 |
| Electromagnet interlocking             | Locking on energisation and unlocking on de-energisation of solenoid                     |
| [Us] solenoid rated supply voltage     | 24 V AC, 50/60 Hz                                                                        |
| Cable outer diameter                   | 7...10 mm                                                                                |
| Electrical connection                  | Terminal, clamping capacity: 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, DC-13, Q300 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1<br>3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1<br>1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 6 A                                                                                                                                                                                                                                                  |
| [Ui] rated insulation voltage                | 300 V conforming to UL 508<br>500 V conforming to EN/IEC 60947-1<br>300 V conforming to CSA C22.2 No 14                                                                                                                                              |
| [Uimp] rated impulse withstand voltage       | EN/IEC 60947-5-1 6 kV                                                                                                                                                                                                                                |
| Short-circuit protection                     | 10 A cartridge fuse type gG (gl)                                                                                                                                                                                                                     |
| Actuator forcible withdrawal rtc             | 500 N                                                                                                                                                                                                                                                |
| Maximum 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 |
| 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                                                                                                                                                                                                                                                                                                                            |
| Net weight              | 0.36 kg                                                                                                                                                                                                                                                                                                                           |

## Environment

|                                       |                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------|
| Standards                             | EN/IEC 60204-1<br>CSA C22.2 No 14<br>EN/ISO 12100<br>UL 508<br>EN/IEC 60947-5-1<br>EN 1088/ISO 14119 |
| Product certifications                | UL<br>CSA                                                                                            |
| 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                                                         |
| Electrical shock protection class     | Class II conforming to EN/IEC 61140                                                                  |
| IP degree of protection               | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1                                                 |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 398 g   |
| Package 1 Height             | 4 cm    |
| Package 1 width              | 11 cm   |
| Package 1 Length             | 11.5 cm |

## Offer Sustainability

|                            |                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                |
| REACH Regulation           |  <a href="#">REACH Declaration</a>                                                                |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                                                                                  |
| RoHS exemption information |  <a href="#">Yes</a>                                                                              |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a>                                                    |
| Circularity Profile        |  <a href="#">End of Life Information</a>                                                          |

## Contractual warranty

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