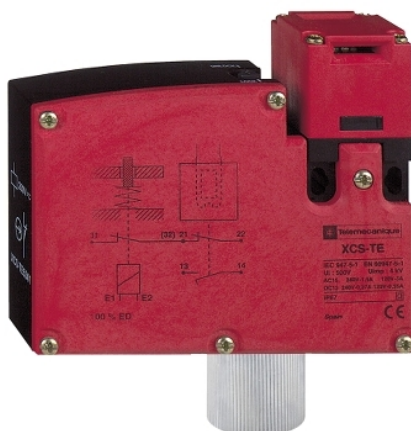


# XCSTE5313

plastic safety switch XCSTE - 1NC+1NO- slow break- 1 entry tapped 1/2" NPT -24V



Product availability: Stock - Normally stocked in distribution facility



## 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          | 1 NC + 1 NO   |
| Contact operation                      | Slow-break, break before make   |
| Solenoid contacts type and composition | 1 NC (slow-break)   |
| Cable entry                            | 1 entry tapped 1/2" NPT   |
| Electromagnet interlocking             | Locking on de-energisation and unlocking on energisation of solenoid  |
| [Us] solenoid rated supply voltage     | 24 V (- 20...10 %)  |
| 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                      | 0.03 ft/s (0.01 m/s)   |
| Maximum actuation speed                      | 1.64 ft/s (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                | 300 V conforming to CSA C22.2 No 14<br>500 V conforming to EN/IEC 60947-1<br>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)   |
| Actuator 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 |
| 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                   | 1.3 in (33 mm)  |
| Height                  | 3.7 in (94 mm)  |
| Width                   | 4.33 in (110 mm)  |
| Product weight          | 0.79 lb(US) (0.36 kg)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/ISO 12100<br>EN 1088/ISO 14119<br>EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14<br>EN/IEC 60204-1 |
| Product certifications                | CSA<br>UL  |
| Protective treatment                  | TC   |
| Ambient air temperature for operation | -13...140 °F (-25...60 °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 II conforming to EN/IEC 61140  |
| IP degree of protection               | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1   |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 00785901326786                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 0.9599999999999996              |
| Returnability         | Y                               |
| Country of origin     | FR                              |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| RoHS (date code: YYWW)     | Compliant - since 1150 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                      | Reference not containing SVHC above the threshold  |
| California proposition 65  | WARNING: This product can expose you to chemicals including:   |
| - - - - - Substance 1      | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and  |
| - - - - - Substance 2      | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.         |
| - - - - - More information | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                      |

## Contractual warranty

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

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