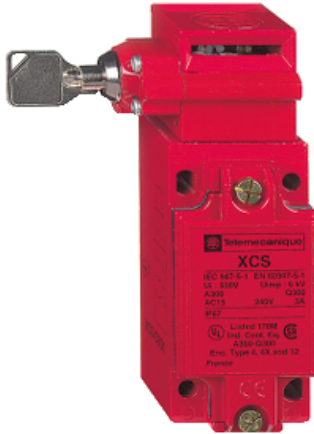


# XCSC513

metal safety switch XCSC - 1 NC + 2 NO - slow break - 1 entry tapped 1/2" NPT

Price\* : 137.54 GBP



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Preventa Safety detection  |
| Product or component type     | Safety switch  |
| Component name                | XCSC   |
| 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 for 1/2" NPT  |
| 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               | 3  |
| Locking options description   | With locking of actuator, unlocking by key operated lock                                 |
| Local signalling              | 1 LED (orange) on opening of NC contacts:  |
| Signalling circuit voltage    | 24/48 V  |

## Complementary

|  |  |
|--|--|
| Positive opening                             | With NC contact  |
| Signalling circuit type                      | AC/DC  |
| Mechanical durability                        | 600000 cycles  |
| Minimum actuation speed                      | 0.01 m/s   |
| Maximum actuation speed                      | 0.5 m/s  |
| [Ie] rated operational current               | 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1<br>3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1<br>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 |
| [Ithe] conventional enclosed thermal current | 10 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       | 6 kV EN/IEC 60947-5-1  |
| Short-circuit protection                     | 10 A cartridge fuse type gG (gl)   |

|                                       |   |
|---------------------------------------|---|
| Actuator forcible withdrawal rtc      | 1500 N  |
| Minimum actuator force for extraction | 20 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                         | Zamak   |
| Head material                         | Zamak   |
| Depth                                 | 44 mm   |
| Height                                | 114 mm  |
| Width                                 | 52 mm   |
| Product weight                        | 0.48 kg   |

## Environment

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

|                          |   |
|--------------------------|---|
| EU RoHS Directive        | Not applicable, out of EU RoHS legal scope    |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |
| Circularity Profile      | No need of specific recycling operations      |

## Contractual warranty

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