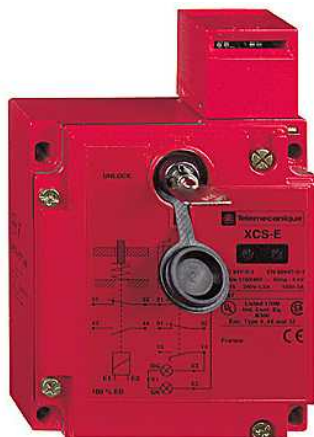


XCSE7511

metal safety switch XCSE - 2NC + 1NO- slow
break - 2 entries tapped Pg 13- 24V

Product availability: Stock - Normally stocked in distribution facility



Main

| | |
|--|---|
| Commercial Status | Commercialised |
| Range of product | Preventa Safety detection |
| Product or component type | Safety switch |
| Component name | XCSE |
| Design | Rectangular |
| Material | Metal |
| Head type | Key operated turret head |
| Contacts type and composition | 2 NC + 1 NO |
| Contacts operation | Slow-break, break before make |
| Solenoid contacts type and composition | 1 NC + 1 NO (slow-break, simultaneous) |
| Cable entry | 2 entries tapped Pg 13.5 |
| Electromagnet interlocking | Locking on energisation and unlocking on de-energisation of solenoid |
| [Us] rated supply voltage | 24 V (- 20...10 %) |
| Cable outer diameter | 0.35...0.47 in (9...12 mm) |
| Electrical connection | Terminal, 1 x 0.5...2 x 1.5 mm ² with or without cable end |
| Number of poles | 3 |
| Locking options description | With interlocking, locking by solenoid |
| Local signalling | 2 LED green or orange (guard open/guard closed and locked) |
| Signalling circuit voltage | 24/48 V (voltage limits: 20...52 V) |

Complementary

| | |
|--|--|
| Positive opening | With NC contact |
| Supply voltage type | AC/DC |
| Supply frequency | 50/60 Hz |
| Load factor | 1 |
| Power consumption in VA | 10 VA (sealed) 10 VA (inrush) |
| Signalling circuit type | AC/DC |
| Signalling circuit consumption | 7 mA |
| Mechanical durability | >= 1000000 cycles |
| 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 | 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 | 50 V for signalling circuit conforming to EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-5-1 |
| Protection type | Overvoltage protection for signalling circuit |
| Short circuit protection | 10 A cartridge fuse type gG (gl) |

| | |
|--------------------------------|---|
| Actutr forcible withdrawal rtc | 2000 N |
| Actuator force for extraction | >= 20 N |
| Operating rate | 10 cyc/mn for maximum durability |
| 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 | Zamak |
| Head material | Zamak |
| Depth | 1.73 in (44 mm) |
| Height | 5.75 in (146 mm) |
| Width | 3.86 in (98 mm) |
| Product weight | 2.51 lb(US) (1.14 kg) |


Environment

| | |
|--|--|
| Standards | EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 UL 508 CSA C22.2 No 14 |
| Product certifications | CSA UL |
| Protective treatment | TC |
| Ambient air temperature for operation | -13...104 °F (-25...40 °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 for 11 ms conforming to IEC 60068-2-27 |
| Class of protection against electric shock | Class I conforming to EN/IEC 60536 |
| 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 | 00785901115861 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.50 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | ID |

Offer Sustainability

| | |
|-------------------------------|--|
| Sustainable offer status | Not Green Premium product |
| RoHS | Will be Compliant on 3Q2013 |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available  Download Product Environmental |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

Mouser Electronics

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