

# XCSE7511

Safety switch, Telemecanique Safety switches XCS, metal XCSE, 2NC + 1 NO, slow break, 2 entries tapped Pg 13, 24 V



## Main

|  |  |
|--|--|
| Range of Product   | Telemecanique Safety switches XCS                                    |
| 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  |
| Contact 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]&nbsp;solenoid&nbsp;rate&nbsp;of&nbsp;supply voltage | 24/48 V  |
| Cable outer diameter                                     | 0.35...0.47 in (9...12 mm)   |
| Electrical connection                                    | Terminal 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 interlocking, locking by solenoid                               |
| Local signalling   | For guard open/guard closed and locked 2 LEDs (green or orange)      |
| Signalling circuit voltage                               | 24/48 V 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 inrush<br>10 VA sealed   |
| 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               | 0.55 A 125 V, DC-13, Q300 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1<br>3 A 120 V, AC-15, B300 EN/IEC 60947-5-1<br>1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 6 A  |
| [Ui] rated insulation voltage                | 50 V EN/IEC 60947-1 signalling circuit   |
| [Uimp] rated impulse withstand voltage       | 6 kV EN/IEC 60947-5-1  |
| Protection type                              | Overvoltage protection signalling circuit  |
| Short-circuit protection                     | 10 A cartridge fuse gG (gl)  |
| Actuator forcible withdrawal rtc             | 2000 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 EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired 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                                 | 1.73 in (44 mm)   |
| Height                                | 5.75 in (146 mm)  |
| Width                                 | 3.86 in (98 mm)   |
| Net Weight                            | 2.51 lb(US) (1.14 kg)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | CSA C22.2 No 14<br>UL 508<br>EN/ISO 12100<br>EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1 |
| Product Certifications                | UL<br>CSA  |
| 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 10...500 Hz)IEC 60068-2-6   |
| Shock resistance                      | 10 gn 11 ms IEC 60068-2-27   |
| Electrical shock protection class     | Class I 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              | 3389110719925                 |
| Returnability     | Yes                           |
| Country of origin | ID                            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 2.17 in (5.500 cm)      |
| Package 1 Width              | 6.02 in (15.300 cm)     |
| Package 1 Length             | 4.45 in (11.300 cm)     |
| Package 1 Weight             | 2.90 lb(US) (1.316 kg)  |
| Unit Type of Package 2       | S01                     |
| Number of Units in Package 2 | 4                       |
| Package 2 Height             | 5.91 in (15.000 cm)     |
| Package 2 Width              | 5.91 in (15.000 cm)     |
| Package 2 Length             | 15.75 in (40.000 cm)    |
| Package 2 Weight             | 12.06 lb(US) (5.470 kg) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| 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 |
|----------|-----------|