

# XCSE5533

Safety switch, Telemecanique Safety switches  
XCS, metal XCSE, 1NC+2 NO, slow break  
2 entries tapped 1/2" NPT 110/120 V



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 676.00 USD



## 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          | 1 NC + 2 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 1/2" NPT                                            |
| Electromagnet interlocking             | Locking on energisation and unlocking on de-energisation of solenoid |
| [Us] rated supply voltage              | 110/120 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                        | 3                                                                    |
| Locking options description            | With interlocking, locking by solenoid                               |
| Local signalling                       | 2 LEDs (green or orange) for guard open/guard closed and locked      |
| Signalling circuit voltage             | 110/240 V (voltage limits: 95...264 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                           |
| 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                | 250 V EN/IEC 60947-1 signalling circuit                                                                                                                                                                                                                                                 |
| [Uimp] rated impulse withstand voltage       | 6 kV EN/IEC 60947-5-1                                                                                                                                                                                                                                                                   |
| Protection type                              | Overvoltage protection for 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                             | UL 508<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/ISO 12100<br>EN 1088/ISO 14119 |
| Product certifications                | CSA<br>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 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                  | 03389110720372                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 2.83 Lb(US) (1.285 kg)          |
| Returnability         | No                              |
| Country of origin     | FR                              |

## Packing Units

|                        |                  |
|------------------------|------------------|
| Unit Type of Package 1 | PCE              |
| Package 1 Height       | 2.17 In (5.5 cm) |
| Package 1 width        | 4.33 In (11 cm)  |
| Package 1 Length       | 5.91 In (15 cm)  |

## 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 Diisodecyl 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 |
|----------|-----------|

|                       |                |
|-----------------------|----------------|
| Product Life Status : | Commercialised |
|-----------------------|----------------|