

XCSE7313

Safety switch, Telemecanique Safety switches XCS, metal XCSE, 2NC+1 NO, slow break, 2 entries tapped 1/2" NPT, 24 V



Main

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| 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 1/2" NPT |
| Electromagnet interlocking | Locking on de-energisation and unlocking on energisation of solenoid |
| [Us] solenoid rate of supply voltage | 24/48 V |
| 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 | for guard open/guard closed and locked 2 LEDs (green or orange) |
| Signalling circuit voltage | 24/48 V 20...52 V) |

Complementary

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| 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 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 IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 IEC 60947-5-1 3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 6 A |
| [Ui] rated insulation voltage | 50 V IEC 60947-1 signalling circuit |
| [Uimp] rated impulse withstand voltage | 6 kV 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| Maximum operating rate | 10 cyc/mn for maximum durability |
| Safety level | Can reach category 4 with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired 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

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| Standards | IEC 60204-1 EN 1088/ISO 14119 ISO 12100 IEC 60947-5-1 CSA C22.2 No 14 UL 508 |
| Product Certifications | UL[RETURN]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 IEC 61140 |
| IP degree of protection | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Ordering and shipping details

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| Category | US1000T22411 |
| Discount Schedule | 000T |
| GTIN | 3389110719611 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.20 in (5.6 cm) |
| Package 1 Width | 4.41 in (11.2 cm) |
| Package 1 Length | 5.98 in (15.2 cm) |
| Package 1 Weight | 2.90 lb(US) (1.314 kg) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 Width | 5.91 in (15 cm) |
| Package 2 Length | 15.75 in (40 cm) |
| Package 2 Weight | 12.27 lb(US) (5.567 kg) |

Offer Sustainability

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| 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 www.P65Warnings.ca.gov |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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