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| Commercial Status | Commercialised |
| Range of product | Preventa Safety detection |
| Product or component type | Safety switch |
| Component name | XCSLF |
| Design | Slim |
| Material | Metal |
| Head type | Key operated turret head |
| Contacts type and composition | 1 NC + 2 NO |
| Contacts operation | Slow-break, break before make |
| Solenoid contacts type and composition | 1 NC + 2 NO (slow-break, break before make) |
| Cable entry | 3 entries tapped 1/2" NPT |
| Electromagnet interlocking | Locking on energisation and unlocking on de-energisation of solenoid |
| [Us] Solenoid Rated Supply Voltage | 24 V (range 15...10 %) |
| Electrical connection | Spring terminal, 2 x 0.5 mm ² flexible cables with 13 mm bared ends Spring terminal, 1 x 1.5 mm ² flexible or solid cable |
| Number of poles | 3 |
| Locking options description | With interlocking, locking by solenoid |
| Local signalling | 1 LED green (actuator inserted and locked) 1 LED orange (actuator withdrawn) |
| Signalling circuit voltage | 120 V |

Complementary

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| Positive opening | With NC contact |
| Supply voltage type | AC/DC |
| Supply frequency | 50/60 Hz |
| Load factor | 1 |
| Signalling circuit type | AC |
| Mechanical durability | 1000000 cycles |
| Minimum actuation speed | 0.01 m/s |
| Maximum actuation speed | 0.5 m/s |
| [Ie] rated operational current | 0.75 A at 240 V utilisation category AC-15, C300 conforming to EN/IEC 60947-5-1 0.55 A at 24 V utilisation category DC-13, R300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 4 A |
| Maximum load current | <= 15 A |
| [Ui] rated insulation voltage | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14 300 V conforming to UL 508 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-5-1 |
| Minimum switching current | 10 mA at 20 °C |
| Minimum switching voltage | 17 V |
| Short circuit protection | 6 A type fast blow 4 A cartridge fuse type gG (gl) |
| Actutr forcible withdrawal rtc | <= 3000 N |

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| Actuator force for extraction | >= 20 N |
| Resistance to mechanical impact | 6.4 J without partition 9.6 J against the partition |
| Operating rate | 10 cyc/mn for maximum durability |
| Safety level | Can reach SIL 3 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 = 5500000 (value given for a life time of 20 years limited by mechanical or contact wear) |
| Body material | Zamak |
| Head material | Zamak |
| Depth | 51 mm |
| Height | 205 mm |
| Width | 44 mm |
| Product weight | 1.1 kg |

Environment

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| Standards | EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 62061 EN/ISO 13849-1 UL 508 CSA C22.2 No 14 |
| Product certifications | CSA TÜV UL |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...60 °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 |
| Class of protection against electric shock | Class I conforming to EN/IEC 60536 |
| IP degree of protection | IP67 IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |