



## Main

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| Range of product                       | Preventa Safety detection  |
| Product or component type              | Safety switch  |
| Component name                         | XCSLE  |
| Design                                 | Slim   |
| Material                               | Plastic  |
| Head type                              | Key operated turret head   |
| Contacts type and composition          | 2 NC   |
| Contact operation                      | Slow-break, simultaneous   |
| Solenoid contacts type and composition | 2 NC (slow-break, simultaneous)  |
| Cable entry                            | 3 entries tapped for M20 x 1.5   |
| Electromagnet interlocking             | Locking on de-energisation and unlocking on energisation of solenoid   |
| [Us] Solenoid Rated Supply voltage     | 120 V - 15...10 %  |
| Cable outer diameter                   | 7...13 mm  |
| Electrical connection                  | Spring terminal, clamping capacity: 1 x 1.5 mm <sup>2</sup> flexible or solid cable<br>Spring terminal, clamping capacity: 2 x 0.5 mm <sup>2</sup> flexible cables with 13 mm bared ends |
| Number of poles                        | 2  |
| Locking options description            | With interlocking, locking by solenoid   |
| Local signalling                       | Actuator withdrawn: 1 LED (orange)<br>Actuator inserted and locked: 1 LED (green)  |
| Signalling circuit voltage             | 120 V  |

## Complementary



|                         |                  |
|-------------------------|------------------|
| Insulation              | Double insulated |
| 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          |

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| [Ie] rated operational current               | 0.55 A at 24 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.75 A at 240 V, AC-15, C300 conforming to EN/IEC 60947-5-1  |
| [Ithe] conventional enclosed thermal current | 4 A  |
| Maximum load current                         | <= 15 A  |
| [Ui] rated insulation voltage                | 300 V conforming to UL 508<br>300 V conforming to CSA C22.2 No 14<br>250 V (pollution degree 3) conforming to EN/IEC 60947-1   |
| [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                     | 4 A cartridge fuse type gG (gl)<br>6 A type fast blow  |
| Maximum actuator forcible withdrawal force   | 1400 N   |
| Minimum actuator force for extraction        | 20 N   |
| Resistance to mechanical impact              | 1.2 J against the partition<br>4.9 J without partition   |
| Maximum operating rate                       | 10 cyc/mn for maximum durability   |
| Safety level                                 | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 conforming to EN/IEC 61508 |
| Safety reliability data                      | B10d = 5500000 value given for a life time of 20 years limited by mechanical or contact wear   |
| Body material                                | PA (polyamide)   |
| Head material                                | PA (polyamide)   |
| Depth  | 51 mm  |
| Height                                       | 205 mm   |
| Width  | 44 mm  |
| Net weight                                   | 0.53 kg  |

## Environment

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|---------------------------------------|--|
| Standards                             | EN 1088/ISO 14119<br>EN/IEC 60204-1<br>UL 508<br>EN/ISO 13849-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN/IEC 62061 |
| Product certifications                | UL<br>TÜV<br>CSA   |
| 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   |
| Electrical shock protection class     | Class II conforming to EN/IEC 61140  |
| IP degree of protection               | IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1<br>IP67   |

## Offer Sustainability

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|--------------------------|---|
| Sustainable offer status | Green Premium product   |
| REACH Regulation         |  <a href="#">REACH Declaration</a>   |
| EU RoHS Directive        | Pro-active compliance (Product out of EU RoHS legal scope)<br> <a href="#">EU RoHS Declaration</a> |

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|--------------------------|---|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |
| Circularity Profile      | <a href="#">End of Life Information</a>       |

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### Contractual warranty

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| Warranty | 18 months |
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