

XCSLF3535412

metal safety switch XCSLF - 2 NC+4 NO- slow break
- 3 entries tapped M20 - 24V



Main

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| 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 |
| Contact 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 M20 x 1.5 |
| Electromagnet interlocking | Locking on de-energisation and unlocking on energisation of solenoid By mushroom head push-button turn to release for escape release |
| [Us] rated supply voltage | 24 V (- 15...10 %) |
| Cable outer diameter | 7...13 mm |
| Electrical connection | Spring terminal, 1 x 1.5 mm ² flexible or solid cable Spring terminal, 2 x 0.5 mm ² flexible cables with 13 mm bared ends |
| Number of poles | 3 |
| Locking options description | With interlocking, locking by solenoid |
| Local signalling | 1 LED orange (actuator withdrawn) 1 LED green (actuator inserted and locked) |
| Signalling circuit voltage | 24 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/DC |
| Mechanical durability | 30000 cycles |
| Minimum actuation speed | 0.01 m/s |
| Maximum actuation speed | 0.5 m/s |
| [Ie] rated operational current | 0.55 A at 24 V utilisation category DC-13, R300 conforming to EN/IEC 60947-5-1 0.75 A at 240 V utilisation category 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 | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 |
| [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) 6 A type fast blow |
| Actuator forcible withdrawal rtc | 3000 N |
| Actuator force for extraction | >= 20 N |
| Resistance to mechanical impact | 9.6 J against the partition 6.4 J without partition |

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| 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 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 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 | Zamak |
| Head material | Zamak |
| Depth | 113 mm |
| Height | 205 mm |
| Width | 44 mm |
| Product weight | 1.2 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 |
| electrical shock protection class | Class I conforming to EN/IEC 61140 |
| IP degree of protection | IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Offer Sustainability

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| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1045 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product end of life instructions | Available |

Contractual warranty

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| Warranty period | 18 months |
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