

XCSLF2727333

metal safety switch XCSLF - 4 NC - slow break
- 3 entries tapped 1/2" NPT - 120V

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



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 | 2 NC |
| Contact operation | Slow-break, simultaneous |
| Solenoid contacts type and composition | 2 NC (slow-break, simultaneous) |
| Cable entry | 3 entries tapped 1/2" NPT |
| Electromagnet interlocking | Locking on de-energisation and unlocking on energisation of solenoid |
| [Us] solenoid rated supply voltage | 120 V (- 15...10 %) |
| 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 | 2 |
| 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| Local signalling | 1 LED orange (actuator withdrawn) 1 LED green (actuator inserted and locked) |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 | 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 | 0.03 ft/s (0.01 m/s) |
| Maximum actuation speed | 1.64 ft/s (0.5 m/s) |
| [Ie] rated operational current | 0.55 A 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 | 300 V conforming to CSA C22.2 No 14 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 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 | 4 A cartridge fuse type gG (gl) 6 A type fast blow |
| Actuator forcible withdrawal rtc | 3000 N |
| Actuator force for extraction | >= 20 N |

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| Resistance to mechanical impact | 9.6 J against the partition 6.4 J without partition |
| 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 | 2.01 in (51 mm) |
| Height | 8.07 in (205 mm) |
| Width | 1.73 in (44 mm) |
| Product weight | 2.43 lb(US) (1.1 kg) |


Environment

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| Standards | CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60204-1 EN/IEC 62061 EN/ISO 13849-1 UL 508 EN 1088/ISO 14119 |
| Product certifications | CSA TÜV UL |
| Protective treatment | TC |
| Ambient air temperature for operation | -13...140 °F (-25...60 °C) |
| Ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| Vibration resistance | 5 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 10 gn 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 IP67 |

Ordering and shipping details

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|-----------------------|---------------------------------|
| Category | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 00785901976813 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.79 |
| Returnability | N |
| Country of origin | ID |

Offer Sustainability

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| RoHS (date code: YYWW) | Compliant - since 1045 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product end of life instructions | Available |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| - - - - - Substance 2 | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| - - - - - More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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