

XCSMP80L2

plastic safety switch XCSMP - 1 NC + 1 NC + 1 NC - slow break - pre-cabled 2 m



Main

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| Range of product | Preventa Safety detection |
| Product or component type | Safety switch |
| Component name | XCSMP |
| Design | Miniature |
| Material | Plastic |
| Head type | Key operated fixed head |
| Contacts type and composition | 3 NC |
| Contact operation | Slow-break, simultaneous |
| Electrical connection | Pre-cabled |
| Number of poles | 3 |
| Locking options description | Without locking of actuator |

Complementary

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| Insulation | Double insulated |
| Cable length | 2 m |
| Cable composition | 6 x 0.5 mm ² |
| Positive opening | With NC contact |
| Mechanical durability | 1000000 cycles |
| Minimum actuation speed | 0.05 m/s |
| Maximum actuation speed | 1.5 m/s |
| [Ie] rated operational current | 0.55 A at 125 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.75 A at 240 V, AC-15, C300 conforming to EN/IEC 60947-5-1 1.5 A at 120 V, AC-15, C300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 2.5 A |
| [Ui] rated insulation voltage | 300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-5-1 |
| Short-circuit protection | 10 A cartridge fuse type gG (gl) |
| Actuator forcible withdrawal rtc | 8 N |
| Minimum actuator force for extraction | 8 N |

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| Maximum operating rate | 20 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 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 |
| Safety reliability data | B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear |
| Body material | PA (polyamide) |
| Head material | PA (polyamide) |
| Depth | 30 mm |
| Height | 87 mm |
| Width | 15 mm |
| Net weight | 0.11 kg |

Environment

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| Standards | UL 508 EN/IEC 60204-1 EN/ISO 12100 EN/IEC 60947-5-1 CSA C22.2 No 14 EN 1088/ISO 14119 |
| Product certifications | CSA CUL UL |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -25...80 °C |
| Vibration resistance | 6 gn (f= 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gnfor 11 ms conforming to IEC 60068-2-27 |
| Electrical shock protection class | Class II conforming to EN/IEC 61140 |
| IP degree of protection | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Offer Sustainability

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| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
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Contractual warranty

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| Warranty | 18 months |
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