



XCSMP59L2

plastic safety switch XCSMP - 1 NC + 1 NO - slow break - pre-cabled 2 m



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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 | 1 NC + 1 NO |
| Contacts operation | Slow-break, break before make |
| Electrical connection | Pre-cabled |
| Number of poles | 2 |
| Locking options description | Without locking of actuator |

Complementary

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|--|---|
| Insulation | Double insulated |
| Cable length | 2 m |
| Cable composition | 4 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 utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V utilisation category DC-13, Q300 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 1.5 A at 120 V utilisation category AC-15, C300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 2.5 A |
| [Ui] rated insulation voltage | 500 V 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 | 6 kV conforming to EN/IEC 60947-5-1 |
| Short circuit protection | 10 A cartridge fuse type gG (gl) |
| Actutr forcible withdrawal rtc | 8 N |
| Actuator force for extraction | >= 8 N |
| 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

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| 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 |
| Product weight | 0.11 kg |

Environment Hide

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| Standards | EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 UL 508 CSA C22.2 No 14 |
| 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 gn for 11 ms conforming to IEC 60068-2-27 |
| Class of protection against electric shock | Class II conforming to EN/IEC 60536 |
| IP degree of protection | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Offer Sustainability Hide

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|---------------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0642 - Schneider Electric declaration of conformity |

Contractual warranty Hide

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|---------------|-----------|
| Period | 18 months |
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