

Safety switch, Telemecanique Safety switches XCS, plastic XCSPA, 1 NO + 1 NC, slow break, 1 entry tapped M16



Main

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| Range of product | Telemecanique Safety switches XCS |
| Product or component type | Safety switch |
| Component name | XCSPA |
| Design | Compact |
| Material | Plastic |
| Head type | Key operated turret head |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Slow-break, make before break |
| Cable entry | 1 entry tapped for M16 x 1.5 |
| Cable outer diameter | 7...10 mm |
| Electrical connection | Terminal, clamping capacity: 1 x 0.5...2 x 1.5 mm ² with or without cable end |
| Number of poles | 2 |
| Locking options description | Without locking of actuator |

Complementary

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| Insulation | Double insulated |
| Positive opening | With NC contact |
| Mechanical durability | 1000000 cycles |
| Positive opening minimum force | 15 N |
| Minimum actuation speed | 0.01 m/s |
| Maximum actuation speed | 0.5 m/s |
| [Ie] rated operational current | 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 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 |
| [Ithe] conventional enclosed thermal current | 10 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 |
| [Uiimp] 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 | 10 N |
| 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 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 | 94 mm |
| Width | 30 mm |
| Net weight | 0.11 kg |

Environment

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| Standards | UL 508 CSA C22.2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 EN 1088/ISO 14119 |
| Product certifications | UL[RETURN]CSA |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...70 °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 | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.400 cm |
| Package 1 Width | 4.800 cm |
| Package 1 Length | 12.000 cm |
| Package 1 Weight | 112.000 g |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 15.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 2.424 kg |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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