

XCSDMP5912

coded magnetic switch XCSDMP - SIL 3 - 1 NC +1 NO, NC staggered - cable 2 m

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



Main

| | |
|--------------------------------|---------------------------|
| Commercial Status | Commercialised |
| Range of product | Preventa Safety detection |
| Product or component type | Coded magnetic switch |
| Component name | XCSDMP |
| Design | Rectangular, standard |
| Size | 88 x 25 x 13 mm |
| Contacts type and composition | 1 NC + 1 NO |
| Contacts operation | Staggered |
| Material | Plastic |
| Electrical connection | Pre-cabled |
| Cable composition | 4 x 0.25 mm ² |
| Cable length | 6.56 ft (2 m) |
| Number of poles | 2 |
| Local signalling | 1 LED |
| Approach directions | 3 directions |
| [Ue] rated operational voltage | 24 V DC |
| [Ui] rated insulation voltage | 100 V DC |

Complementary

| | |
|--|---|
| [Sa] assured operating distance | 0.31 in (8 mm) |
| [Sar] assured tripping distance | 0.79 in (20 mm) |
| [Ie] rated operational current | <= 100 A |
| [Uimp] rated impulse withstand voltage | 2.5 kV conforming to EN/IEC 60947-5-1 |
| Resistance across terminals | 57 Ohm |
| Short circuit protection | 500 mA external cartridge fuse type gG (gl) |
| Contacts material | Rhodium |
| Electrical durability | 1200000 cycles |
| Maximum switching voltage | DC |
| Switching capacity in mA | 5...100 mA |
| Insulation resistance | 1000 MOhm |
| Breaking capacity | <= 3 VA |
| Switching frequency | 150 Hz |
| Safety level | Can reach SIL 3 (with the appropriate monitoring system and correctly wired) conforming to EN/IEC 61508 Can reach PL = e (with the appropriate monitoring system and correctly wired) conforming to EN/ISO 13849-1 Can reach category 4 (with the appropriate monitoring system and correctly wired) conforming to EN/ISO 13849-1 |
| Safety reliability data | B10d = 50000000 (value given for a life time of 20 years limited by mechanical or contact wear) |
| Enclosure material | Thermoplastic PBT |
| Cable material | PVC |
| Depth | 0.51 in (13 mm) |
| Height | 3.46 in (88 mm) |
| Width | 0.98 in (25 mm) |
| Product weight | 0.4 lb(US) (0.18 kg) |

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Environment

| | |
|--|---|
| Standards | EN 1088 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 ISO 14119 UL 508 CSA C22.2 No 14 |
| Product certifications | BG CSA UL |
| Protective treatment | TH |
| Ambient air temperature for operation | -13...185 °F (-25...85 °C) |
| Ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| Vibration resistance | 10 gn (f = 10...150 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn for 11 ms conforming to IEC 60068-2-27 |
| Sensitivity to magnetic fields | >= 0.3 mT |
| Class of protection against electric shock | Class II conforming to IEC 60536 |
| IP degree of protection | IP67 conforming to IEC 60529 IP66 conforming to IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 003389119113045 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.70 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | FR |

Offer Sustainability

| | |
|--------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS | Compliant - since 0729 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |

Contractual warranty

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

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