

XCSDMR7912

coded magnetic switch XCSDMR - 2 NC - staggered
- 2m



Main

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|--------------------------------|---------------------------|
| Range of product | Preventa Safety detection |
| Product or component type | Coded magnetic switch |
| Component name | XCSDMR |
| Design | Cylindrical |
| Size | Ø 30 x 38.5 mm |
| Contacts type and composition | 2 NC |
| Contacts operation | Staggered |
| Material | Plastic |
| Electrical connection | Pre-cabled |
| Cable composition | 4 x 0.25 mm ² |
| Cable length | 2 m |
| Number of poles | 2 |
| Local signalling | 1 LED |
| Approach directions | 1 direction |
| [Ue] rated operational voltage | 24 V DC |
| [Ui] rated insulation voltage | 100 V DC |

Complementary

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| [Sa] assured operating distance | 8 mm |
| [Sar] assured tripping distance | 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 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 = 50000000 (value given for a life time of 20 years limited by mechanical or contact wear) |
| Enclosure material | Thermoplastic PBT |
| Cable material | PVC |
| Diameter | 30 mm |
| Length | 39 mm |
| Product weight | 0.146 kg |

Environment

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| Standards | EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 |
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UL 508
CSA C22.2 No 14

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| Product certifications | BG CSA UL |
| Protective treatment | TH |
| Ambient air temperature for operation | -25...85 °C |
| Ambient air temperature for storage | -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 | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 |

Offer Sustainability

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|--------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS | Compliant - since 0729 - Schneider Electric declaration of conformity |