

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



Main

| | |
|-------------------------------|---------------------------|
| Range of product | Preventa Safety detection |
| Product or component type | Coded magnetic switch |
| Component name | XCSDMC |
| Design | Rectangular, compact |
| Size | 51 x 16 x 7 mm |
| Contacts type and composition | 2 NC |
| Contact operation | Staggered |
| Material | Plastic |
| Electrical connection | Pre-cabled |
| Cable composition | 4 x 0.25 mm ² |
| Cable length | 32.81 ft (10 m) |
| Number of poles | 2 |
| Approach directions | 3 directions |
| System Voltage | 24 V DC |
| [Ui] rated insulation voltage | 100 V DC |

Complementary

| | |
|--|---|
| [Sa] assured operating distance | 0.2 in (5 mm) |
| [Sar] assured tripping distance | 0.59 in (15 mm) |
| [Ie] rated operational current | <= 100 mA |
| [Uimp] rated impulse withstand voltage | 2.5 kV conforming to EN/IEC 60947-5-1 |
| Resistance across terminals | 10 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 | 0.1...100 mA |
| Insulation resistance | 1000 MOhm |
| Breaking capacity | 10 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 |
| Depth | 0.28 in (7 mm) |
| Height | 2.01 in (51 mm) |
| Width | 0.63 in (16 mm) |
| Product weight | 0.22 lb(US) (0.101 kg) |

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Environment

| | |
|---------------------------------------|--|
| Standards | EN/ISO 12100 EN/IEC 60204-1 EN/IEC 60947-5-1 ISO 14119 CSA C22.2 No 14 |
| Product certifications | CSA BG 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 11 ms conforming to IEC 60068-2-27 |
| Sensitivity to magnetic fields | <= 0.3 mT |
| Electrical shock protection class | Class II conforming to EN/IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|---------------------------------|
| Category | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 00785901914440 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.7000000000000007 |
| Returnability | N |
| Country of origin | FR |

Offer Sustainability

| | |
|---------------------------|--|
| RoHS (date code: YYWW) | Compliant - since 0729 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| ----- Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| ----- Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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