

XCSDMP7012

Coded magnetic switch, Telemecanique Safety switches XCS, XCSDMP, 2 NC + 1 NO, 1 NC staggered, 2 m

Main

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|--------------------------------|-----------------------------------|
| Range of Product | Telemecanique Safety switches XCS |
| Product or Component Type | Coded magnetic switch |
| Component name | XCSDMP |
| Design | Rectangular, standard |
| Size | 88 x 25 x 13 mm |
| Contacts type and composition | 2 NC + 1 NO |
| Contact operation | 1 NC staggered |
| Material | Plastic |
| Electrical Connection | Pre-cabled |
| Cable composition | 6 x 0.25 mm ² |
| Cable length | 6.6 ft (2 m) |
| Number of poles | 3 |
| Local signalling | 1 LED |
| Approach directions | 3 directions |
| [Ue] rated operational voltage | 24 V DC |
| [Ui] rated insulation voltage | 100 V DC |

Complementary

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| [Sa] assured operating distance | 0.3 in (8 mm) |
| [Sar] assured tripping distance | 0.8 in (20 mm) |
| Maximum [Ie] rated operational current | 100 mA |
| [Uimp] rated impulse withstand voltage | 2.5 kV IEC 60947-5-1 |
| Resistance across terminals | 57 Ohm |
| Short-circuit protection | 500 mA external cartridge fuse gG (gl) |
| Contacts material | Rhodium |
| Electrical durability | 1200000 cycles |
| Maximum switching voltage | 100 V 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 ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired 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 | 0.5 in (13 mm) |
| Height | 3.5 in (88 mm) |
| Width | 1.0 in (25 mm) |
| Net Weight | 0.40 lb(US) (0.18 kg) |

Environment

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| Standards | ISO 12100 CSA C22.2 No 14 IEC 60947-5-1 IEC 60204-1 UL 508 ISO 14119 |
| Product Certifications | CSA[RETURN]UL |
| Protective treatment | TH |
| Ambient Air Temperature for Operation | -13.0000000000...185.0000000000 °F (-25...85 °C) |
| Ambient Air Temperature for Storage | -40...185 °F (-40...85 °C) |
| Vibration resistance | 10 gn 10...150 Hz)IEC 60068-2-6 |
| Shock resistance | 30 gn 11 ms IEC 60068-2-27 |
| Maximum sensitivity to magnetic fields | 0.3 mT |
| Electrical shock protection class | Class II IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 |

Ordering and shipping details

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|-------------------|---------------|
| Category | US1000T22411 |
| Discount Schedule | 000T |
| GTIN | 3389110971996 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.417 in (3.600 cm) |
| Package 1 Width | 6.142 in (15.600 cm) |
| Package 1 Length | 5.512 in (14.000 cm) |
| Package 1 Weight | 7.302 oz (207.000 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 5.9 in (15 cm) |
| Package 2 Width | 11.8 in (30 cm) |
| Package 2 Length | 15.7 in (40 cm) |
| Package 2 Weight | 9.780 lb(US) (4.436 kg) |

Offer Sustainability

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| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl 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 |
| Toxic heavy metal free | Yes |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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