

Product data sheet

Characteristics

XCSDMC59010

Coded magnetic switch, Telemecanique

Safety switches XCS, XCSDMC, 1 NC + 1 NO,
staggered, 10 m

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

Price*: 109.00 USD



Main

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|--------------------------------|-----------------------------------|
| Range of Product | Telemecanique Safety switches XCS |
| Product or Component Type | Coded magnetic switch |
| Component name | XCSDMC |
| Design | Rectangular, compact |
| Size | 51 x 16 x 7 mm |
| Contacts type and composition | 1 NC + 1 NO |
| 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 |
| [Ue] rated operational voltage | 24 V DC |
| [Ui] rated insulation voltage | 100 V DC |

Complementary

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| [Sa] assured operating distance | 0.20 ln (5 mm) |
| [Sar] assured tripping distance | 0.59 ln (15 mm) |
| Maximum [le] rated operational current | 100 MA |
| [Uimp] rated impulse withstand voltage | 2.5 KV EN/IEC 60947-5-1 |
| Resistance across terminals | 10 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 | 0.1...100 mA |
| Insulation resistance | 1000 MOhm |
| Breaking capacity | 10 VA |

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|-------------------------|---|
| Switching frequency | 150 Hz |
| Safety level | Can reach category 4 with the appropriate monitoring system and correctly-wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly-wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly-wired 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 |
| Maximum Depth | 0.28 In (7 mm) |
| Maximum Height | 2.01 In (51 mm) |
| Maximum Width | 0.63 In (16 mm) |
| Net Weight | 0.22 Lb(US) (0.101 kg) |

Environment

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| Standards | EN/IEC 60947-5-1 EN/ISO 12100 CSA C22.2 No 14 UL 508 EN/IEC 60204-1 ISO 14119 |
| Product Certifications | CSA UL BG |
| 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 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 EN/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 | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 03389110971767 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 13.47 Oz (382 g) |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.65 In (4.2 cm) |
| Package 1 width | 7.09 In (18 cm) |
| Package 1 Length | 8.07 In (20.5 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 10 |
| Package 2 Weight | 8.99 Lb(US) (4.076 kg) |
| Package 2 Height | 5.91 In (15 cm) |
| Package 2 width | 11.81 In (30 cm) |
| Package 2 Length | 15.75 In (40 cm) |

Offer Sustainability

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| 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 |
| REACH Regulation | <input checked="" type="checkbox"/> REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | <input checked="" type="checkbox"/> Yes |

Contractual warranty

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| Warranty | 18 months |
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Product Life Status : **Commercialised**