



Main

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| Range of product | Preventa Safety detection |
| Product or component type | Coded magnetic system |
| Component name | XCSDM3 |
| Design | Rectangular |
| Size | 100 x 34 x 32 mm |
| Contacts type and composition | 1 NO + 1 NO |
| Material | Plastic |
| Electrical connection | Pre-cabled |
| Cable composition | 6 x 0.25 mm ² |
| Cable length | 16.4 ft (5 m) |
| Ohmic cable resistance | 450 mOhm |
| Local signalling | 1 LED (green, orange and red) |
| Approach directions | 9 directions |
| System Voltage | 24 V DC (-20...10 %) |
| [Ui] rated insulation voltage | 36 V DC |

Complementary

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| Cable outer diameter | 0.24 in (6.1 mm) |
| Type of output stage | Solid-state, PNP |
| Safety outputs | 2 outputs 1.5 A, 24 V, DC |
| [Sa] assured operating distance | 0.39 in (10 mm) |
| [Sar] assured tripping distance | 0.79 in (20 mm) |
| Minimum actuation speed | 0.03 ft/s (0.01 m/s) |
| [Uimp] rated impulse withstand voltage | 2.5 kV conforming to EN/IEC 60947-5-1 |
| Protection type | Overload and short-circuit protection |
| Switching frequency | 3 Hz |
| Time delay | 100 ms (activation) |
| Discordance time | 2 s |
| [HFT] Hardware Fault Tolerance | 1 |
| Tightening torque | < 1.8 N.m |
| Installed device | 32 maximum with 2 m long cable |
| Marking | CE |
| Safety level | Can reach category 3 (correctly wired) conforming to EN/ISO 13849-1 Can reach PL = d (correctly wired) conforming to EN/ISO 13849-1 Can reach SIL 2 (correctly wired) conforming to EN/IEC 61508 |
| Safety reliability data | HFT = 1 MTTFd = 182 years PFD = 1.15E-5 PFH = 3.94E-9 SF = 92.5 % |
| Enclosure material | Thermoplastic PBT |
| Cable material | PVC |
| Depth | 1.26 in (32 mm) |
| Height | 3.94 in (100 mm) |
| Width | 1.34 in (34 mm) |
| Product weight | 1.06 lb(US) (0.48 kg) |

Environment

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| standards | EN 1088 EN 13849-1 |
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The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

EN/IEC 60947-5-1
 EN/IEC 60947-5-2
 EN/IEC 60947-5-3
 EN/IEC 62061
 IEC 61508
 ISO 14119

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|---------------------------------------|---|
| product certifications | CSA TÜV UL |
| ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| vibration resistance | 10 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 30 gn 11 ms conforming to IEC 60068-2-27 |
| sensitivity to magnetic fields | <= 0.5 mT |
| electrical shock protection class | Class III conforming to EN/IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050 |

Offer Sustainability

| | |
|--|--|
| Not Green Premium product | Not Green Premium product |
| Compliant - since 0729 - Schneider Electric declaration of conformity | Compliant - since 0729 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | 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. | 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 | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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