



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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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

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|--|--|
| 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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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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