



### Main

|                                |                                                             |
|--------------------------------|-------------------------------------------------------------|
| Range of product               | Preventa Safety detection                                   |
| Product or component type      | Guard switch                                                |
| Component name                 | XCSPL                                                       |
| Material                       | Plastic                                                     |
| Head type                      | Turret head rotary lever                                    |
| Insulation                     | Double insulated                                            |
| Type of operator               | Elbowed flush lever                                         |
| Operator direction information | To right                                                    |
| Electrical connection          | Terminal                                                    |
| Contacts type and composition  | 1 NC + 1 NO                                                 |
| Contact operation              | Slow-break, break before make                               |
| Clamping connection capacity   | 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end |
| Cable entry                    | 1 entry tapped 1/2" NPT                                     |
| Number of poles                | 2                                                           |

### Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable outer diameter                         | 0.28...0.39 in (7...10 mm)                                                                                                                                                                                                                                                                                                     |
| Positive opening                             | With NC contact                                                                                                                                                                                                                                                                                                                |
| Tripping angle                               | 5 °                                                                                                                                                                                                                                                                                                                            |
| Mechanical durability                        | 1000000 cycles                                                                                                                                                                                                                                                                                                                 |
| Minimum torque for tripping                  | 0.88 lbf.in (0.1 N.m)                                                                                                                                                                                                                                                                                                          |
| Positive opening minimum torque              | 2.21 lbf.in (0.25 N.m)                                                                                                                                                                                                                                                                                                         |
| Contact code designation                     | A300, AC-15 (Ue = 120 V, Ie = 6 A) conforming to EN/IEC 60947-5-1<br>A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 125 V, Ie = 0.55 A) conforming to EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1                                         |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                           |
| [Ui] rated insulation voltage                | 300 V conforming to UL 508<br>300 V conforming to CSA C22.2 No 14<br>500 V (degree of pollution: 3) conforming to EN/IEC 60947-1                                                                                                                                                                                               |
| [Uimp] rated impulse withstand voltage       | 6 kV conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                            |
| Resistance across terminals                  | <= 30 mOhm conforming to EN/IEC 60947-5-4                                                                                                                                                                                                                                                                                      |
| Short-circuit protection                     | 10 A cartridge fuse type gG (gl)                                                                                                                                                                                                                                                                                               |
| Safety level                                 | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to IEC 61508 |
| Safety reliability data                      | B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear)                                                                                                                                                                                                                                 |
| Enclosure material                           | Polyamide PA66 fibre glass impregnated                                                                                                                                                                                                                                                                                         |
| Lever material                               | Stainless steel                                                                                                                                                                                                                                                                                                                |
| Width                                        | 4.06 in (103 mm)                                                                                                                                                                                                                                                                                                               |
| Height                                       | 3.46 in (88 mm)                                                                                                                                                                                                                                                                                                                |
| Depth                                        | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                |
| Product weight                               | 0.21 lb(US) (0.095 kg)                                                                                                                                                                                                                                                                                                         |

### Environment

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.

|                                       |                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| standards                             | EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/ISO 12100<br>UL 508<br>CSA C22.2 No 14 |
| product certifications                | BG<br>CSA<br>UL                                                                                                          |
| protective treatment                  | TC<br>TH                                                                                                                 |
| ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                                                               |
| ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                               |
| vibration resistance                  | 50 gn (f = 10...500 Hz) conforming to IEC 60068-2-6                                                                      |
| shock resistance                      | 50 gn 11 ms conforming to IEC 60068-2-27                                                                                 |
| electrical shock protection class     | Class II conforming to EN/IEC 61140                                                                                      |
| IP degree of protection               | IP67 conforming to IEC 60529                                                                                             |

## Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Green Premium product                                                                                                      | Green Premium product                                                                                                      |
| Compliant - since 1136 - Schneider Electric declaration of conformity                                                      | Compliant - since 1136 - 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

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

## Данный компонент на территории Российской Федерации

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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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