



## Main

|                                |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| Range of product               | Telemecanique Safety switches XCS                                    |
| Product or component type      | Guard switch                                                         |
| Component name                 | XCSPL                                                                |
| Material                       | Plastic                                                              |
| Head type                      | Turret head rotary lever                                             |
| Insulation                     | Double insulated                                                     |
| Type of operator               | Straight lever                                                       |
| Operator direction information | To right or to left                                                  |
| Electrical connection          | Terminal                                                             |
| Contacts type and composition  | 1 NC + 1 NO                                                          |
| Contact operation              | Slow-break, break before make                                        |
| Clamping connection            | 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end capacity |
| 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                  | 0.89 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)EN/IEC 60947-5-1<br>A300, AC-15 (Ue = 240 V, Ie = 3 A)EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 125 V, Ie = 0.55 A)EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 250 V, Ie = 0.27 A)EN/IEC 60947-5-1                                                           |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                 |
| [Ui] rated insulation voltage                | 300 VUL 508<br>300 VCSA C22.2 No 14<br>500 V 3)EN/IEC 60947-1                                                                                                                                                                                                                        |
| [Uimp] rated impulse withstand voltage       | 6 kV EN/IEC 60947-5-1                                                                                                                                                                                                                                                                |
| Maximum resistance across terminals          | 30 mOhm EN/IEC 60947-5-4                                                                                                                                                                                                                                                             |
| Short-circuit protection                     | 10 A cartridge fuse gG (gl)                                                                                                                                                                                                                                                          |
| Safety level                                 | Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired 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)                                                                                                                                                                                                                                                                      |
| Maximum Depth                                | 1.18 in (30 mm)                                                                                                                                                                                                                                                                      |
| Net Weight                                   | 0.21 lb(US) (0.095 kg)                                                                                                                                                                                                                                                               |

## Environment

|                                       |                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN/ISO 12100<br>EN/IEC 60947-5-4<br>EN 1088/ISO 14119<br>EN/IEC 60204-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>UL 508 |
| Product certifications                | UL<br>CSA<br>BG                                                                                                          |
| Protective treatment                  | TH<br>TC                                                                                                                 |
| 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 10...500 Hz)IEC 60068-2-6                                                                                          |
| Shock resistance                      | 50 gn 11 ms IEC 60068-2-27                                                                                               |
| Electrical shock protection class     | Class II conforming to EN/IEC 61140                                                                                      |
| IP degree of protection               | IP67 conforming to IEC 60529                                                                                             |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 00785901326694                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 0.7 lb(US) (0.32 kg)            |
| Returnability         | No                              |
| Country of origin     | FR                              |

## Packing Units

|                        |                  |
|------------------------|------------------|
| Unit Type of Package 1 | PCE              |
| Package 1 Height       | 1.26 in (3.2 cm) |
| Package 1 width        | 7.87 in (20 cm)  |
| Package 1 Length       | 1.50 in (3.8 cm) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                             |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                                                                 |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                                                                    |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                                                                                                               |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                     |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                                                                                                           |

## Contractual warranty

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