



### Main

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Range of product              | Preventa Safety detection                                   |
| Product or component type     | Guard switch                                                |
| Component name                | XCSPR                                                       |
| Material                      | Plastic                                                     |
| Head type                     | Turret head rotary axis                                     |
| Insulation                    | Double insulated                                            |
| Type of operator              | Spindle 30 mm                                               |
| Electrical connection         | Terminal                                                    |
| Contacts type and composition | 1 NC + 1 NO                                                 |
| Contacts 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 Pg 11                                        |
| Number of poles               | 2                                                           |

### Complementary

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable outer diameter                                     | 7...10 mm                                                                                                                                                                                                                                                                                                                                                                              |
| Positive opening                                         | With NC contact                                                                                                                                                                                                                                                                                                                                                                        |
| Tripping angle                                           | 5 °                                                                                                                                                                                                                                                                                                                                                                                    |
| Mechanical durability                                    | 1000000 cycles                                                                                                                                                                                                                                                                                                                                                                         |
| Minimum torque for tripping                              | 0.1 N.m                                                                                                                                                                                                                                                                                                                                                                                |
| Positive opening minimum torque                          | 0.25 N.m                                                                                                                                                                                                                                                                                                                                                                               |
| Contact code designation                                 | Q300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A) conforming to EN/IEC 60947-5-1<br>Q300, DC-13 (U <sub>e</sub> = 125 V, I <sub>e</sub> = 0.55 A) conforming to EN/IEC 60947-5-1<br>A300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A) conforming to EN/IEC 60947-5-1<br>A300, AC-15 (U <sub>e</sub> = 120 V, I <sub>e</sub> = 6 A) conforming to EN/IEC 60947-5-1 |
| [I <sub>th</sub> ] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                                                                                   |
| [U <sub>i</sub> ] rated insulation voltage               | 500 V (degree of pollution: 3) conforming to EN/IEC 60947-1<br>300 V conforming to CSA C22.2 No 14<br>300 V conforming to UL 508                                                                                                                                                                                                                                                       |
| [U <sub>imp</sub> ] 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 SIL 3 with the appropriate monitoring system and correctly wired conforming to IEC 61508<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1                                                         |
| 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                                                    | 30 mm                                                                                                                                                                                                                                                                                                                                                                                  |
| Height                                                   | 96 mm                                                                                                                                                                                                                                                                                                                                                                                  |
| Depth                                                    | 60 mm                                                                                                                                                                                                                                                                                                                                                                                  |
| Product weight                                           | 0.105 kg                                                                                                                                                                                                                                                                                                                                                                               |

## Environment

|                                            |                                                                                                                          |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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      | -25...70 °C                                                                                                              |
| Ambient air temperature for storage        | -40...70 °C                                                                                                              |
| Vibration resistance                       | 50 gn (f = 10...500 Hz) conforming to IEC 60068-2-6                                                                      |
| Shock resistance                           | 50 gn for 11 ms conforming to IEC 60068-2-27                                                                             |
| Class of protection against electric shock | Class II conforming to IEC 60536                                                                                         |
| IP degree of protection                    | IP67 conforming to IEC 60529                                                                                             |

## Offer Sustainability

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                 |
| RoHS (date code: YYWW)           | Compliant - since 0903 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Available <a href="#">Download End Of Life Manual</a>                                 |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|