



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | Preventa Safety detection                                     |
| Product or component type     | Guard switch  |
| Component name                | XCSTR   |
| 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 + 1 NO  |
| Contacts operation            | Slow-break, break before make                                 |
| Clamping connection capacity  | 1 x 0.34...2 x 0.75 mm <sup>2</sup> with or without cable end |
| Cable entry                   | 2 entries tapped M16 x 1.5                                    |
| Number of poles               | 3   |

## 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                           | 0.45 N.m   |
| Minimum actuation speed                                   | 0.1 m/s  |
| Contact code designation                                  | R300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.1 A) conforming to EN/IEC 60947-5-1<br>Q300, DC-13 (U <sub>e</sub> = 125 V, I <sub>e</sub> = 0.2 A) conforming to EN/IEC 60947-5-1<br>B300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A) conforming to EN/IEC 60947-5-1<br>B300, 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> e] conventional enclosed thermal current | 6 A  |
| [U <sub>i</sub> ] rated insulation voltage                | 400 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       | 4 kV conforming to EN/IEC 60947-5-1  |
| Resistance across terminals                               | <= 30 mOhm conforming to EN/IEC 60947-5-4  |
| Short circuit protection                                  | 6 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   | 52 mm  |
| Height  | 117 mm   |
| Depth   | 60 mm  |
| Product weight  | 0.155 kg   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

## 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 1010 - <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>                                 |