

# XCSTA792

Safety switch, Telemecanique Safety switches  
XCS, plastic XCSTA, 2 NC + 1 NO, slow break,  
2 entries tapped M16

## Main

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Range of Product              | Telemecanique Safety switches XCS                                    |
| Product or Component Type     | Safety switch                                                        |
| Component name                | XCSTA                                                                |
| Design                        | Compact                                                              |
| Material                      | Plastic                                                              |
| Head type                     | Key operated turret head                                             |
| Contacts type and composition | 2 NC + 1 NO                                                          |
| Contact operation             | Slow-break, break before make                                        |
| Cable entry                   | 2 entries tapped M16 x 1.5                                           |
| Cable outer diameter          | 0.3...0.4 in (7...10 mm)                                             |
| Electrical connection         | Terminal 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end |
| Number of poles               | 3                                                                    |
| Locking options description   | Without locking of actuator                                          |

## Complementary

|                                        |                                                                                                                                                                                                                                                                                |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Insulation                             | Double insulated                                                                                                                                                                                                                                                               |
| Positive opening                       | With NC contact                                                                                                                                                                                                                                                                |
| Mechanical durability                  | 1000000 cycles                                                                                                                                                                                                                                                                 |
| Positive opening minimum force         | 15 N                                                                                                                                                                                                                                                                           |
| Minimum actuation speed                | 0.03 ft/s (0.01 m/s)                                                                                                                                                                                                                                                           |
| Maximum actuation speed                | 1.6 ft/s (0.5 m/s)                                                                                                                                                                                                                                                             |
| [Ie] rated operational current         | 6 A 120 V, AC-15, A300 IEC 60947-5-1<br>3 A 240 V, AC-15, A300 IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q300 IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q300 IEC 60947-5-1                                                                                                             |
| [Ui] rated insulation voltage          | 300 VUL 508<br>500 VIEC 60947-1<br>300 VCSA C22.2 No 14                                                                                                                                                                                                                        |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947-5-1                                                                                                                                                                                                                                                             |
| Short-circuit protection               | 10 A cartridge fuse gG (gl)                                                                                                                                                                                                                                                    |
| Actuator forcible withdrawal rtc       | 10 N                                                                                                                                                                                                                                                                           |
| Maximum operating rate                 | 10 cyc/mn for maximum durability                                                                                                                                                                                                                                               |
| Safety level                           | Can reach category 4 with the appropriate monitoring system and correctly wired ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired 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                                                                                                                                                                                   |
| Body Material                          | PA (polyamide)                                                                                                                                                                                                                                                                 |
| Head material                          | PA (polyamide)                                                                                                                                                                                                                                                                 |
| Depth                                  | 1.2 in (30 mm)                                                                                                                                                                                                                                                                 |
| Height                                 | 4.5 in (115 mm)                                                                                                                                                                                                                                                                |
| Width                                  | 2.05 in (52 mm)                                                                                                                                                                                                                                                                |
| Net Weight                             | 0.35 lb(US) (0.16 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                             | CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60204-1<br>UL 508<br>EN 1088/ISO 14119<br>ISO 12100 |
| Product Certifications                | CSA[RETURN]UL                                                                               |
| Protective treatment                  | 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                  | 5 gn 10...500 Hz)IEC 60068-2-6                                                              |
| Shock resistance                      | 10 gn 11 ms IEC 60068-2-27                                                                  |
| Electrical shock protection class     | Class II IEC 61140                                                                          |
| IP degree of protection               | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1                                        |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1000T22411  |
| Discount Schedule | 000T          |
| GTIN              | 3389110786071 |
| Returnability     | No            |
| Country of origin | FR            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 1.42 in (3.600 cm)      |
| Package 1 Width              | 3.07 in (7.800 cm)      |
| Package 1 Length             | 6.85 in (17.400 cm)     |
| Package 1 Weight             | 5.855 oz (166.000 g)    |
| Unit Type of Package 2       | S01                     |
| Number of Units in Package 2 | 15                      |
| Package 2 Height             | 5.91 in (15.000 cm)     |
| Package 2 Width              | 5.91 in (15.000 cm)     |
| Package 2 Length             | 15.75 in (40.000 cm)    |
| Package 2 Weight             | 5.983 lb(US) (2.714 kg) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCIP Number                | Ad71f9d2-7746-48bd-bc4b-c2dd6b5b9e3a                                                                                                                                                                                                                                                                                                                                              |
| 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> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                                                                                                        |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                               |
| RoHS exemption information |  Yes                                                                                                                                                                                                                                                                                           |

## Contractual warranty

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