

# XCSA703

Preventa XCS, safety switches, metal safety switch, 2 NC and 1 NO, slow break, 1 entry tapped 0.5 inch NPT

## Main

|                               |  |
|-------------------------------|--|
| Range of Product              | Telemecanique Safety switches XCS                                    |
| Product or Component Type     | Safety switch  |
| Component name                | XCSA   |
| Design                        | Industrial   |
| Material                      | Metal  |
| Head type                     | Key operated turret head   |
| Contacts type and composition | 2 NC + 1 NO  |
| Contact operation             | Slow-break, break before make  |
| Cable entry                   | 1 entry tapped 1/2" NPT  |
| 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  |
| Local signalling              | without  |

## Complementary

|  |  |
|--|--|
| Positive opening                             | With NC contact  |
| Mechanical durability                        | 1000000 cycles   |
| 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   |
| [Ithe] conventional enclosed thermal current | 10 A   |
| [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)  |
| Minimum actuator force for extraction        | 20 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                                | Zamak  |
| Head material                                | Zamak  |
| Depth  | 1.7 in (44 mm)   |
| Height                                       | 4.5 in (114 mm)  |
| Width  | 1.6 in (40 mm)   |
| Net Weight                                   | 0.97 lb(US) (0.44 kg)  |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | IEC 60204-1<br>UL 508<br>IEC 60947-5-1<br>ISO 12100<br>CSA C22.2 No 14<br>EN 1088/ISO 14119 |
| Product Certifications                | UL[RETURN]CSA   |
| 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 I 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              | 3389110718881 |
| Returnability     | Yes           |
| Country of origin | US            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 1.772 in (4.500 cm)      |
| Package 1 Width              | 2.677 in (6.800 cm)      |
| Package 1 Length             | 4.921 in (12.500 cm)     |
| Package 1 Weight             | 17.566 oz (498.000 g)    |
| Unit Type of Package 2       | S01                      |
| Number of Units in Package 2 | 10                       |
| Package 2 Height             | 5.906 in (15.000 cm)     |
| Package 2 Width              | 5.906 in (15.000 cm)     |
| Package 2 Length             | 15.748 in (40.000 cm)    |
| Package 2 Weight             | 11.486 lb(US) (5.210 kg) |

## 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> |
| Circularity Profile                        | No need of specific recycling operations  |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |

## Contractual warranty

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