

# Product data sheet

## Characteristics

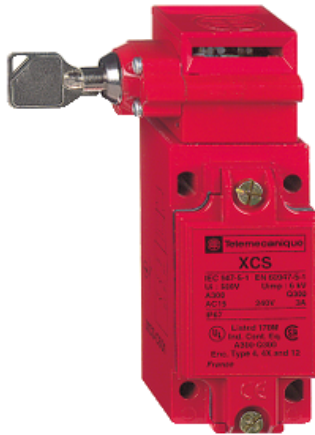
# XCSC703

metal safety switch XCSC - 2 NC + 1 NO - slow break - 1 entry tapped 1/2" NPT

Product availability : Stock - Normally stocked in distribution facility



Price\* : 223.00 USD



### Main

|                               |   |
|-------------------------------|---|
| Range of product              | Preventa Safety detection   |
| Product or component type     | Safety switch   |
| Component name                | XCSC  |
| 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   | With locking of actuator, unlocking by key operated lock              |
| Local signalling              | Without   |

### Complementary

|   |  |
|---|--|
| Positive opening                            | With NC contact  |
| Mechanical durability                       | 600000 cycles  |
| Minimum actuation speed                     | 0.03 ft/s (0.01 m/s)   |
| Maximum actuation speed                     | 1.64 ft/s (0.5 m/s)  |
| [Ie] rated operational current              | 6 A at 120 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1<br>3 A at 240 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1<br>0.55 A at 125 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 |
| [Ith] conventional enclosed thermal current | 10 A   |
| [Ui] rated insulation voltage               | 300 V conforming to CSA C22.2 No 14<br>500 V conforming to EN/IEC 60947-1<br>300 V conforming to UL 508  |

|  |   |
|--|---|
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-5-1   |
| Short-circuit protection               | 10 A cartridge fuse type gG (gl)  |
| Actuator forcible withdrawal rtc       | 1500 N  |
| Actuator force for extraction          | >= 20 N   |
| Operating rate                         | 10 cyc/mn for maximum durability  |
| Safety level                           | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/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                                  | 1.73 in (44 mm)   |
| Height                                 | 4.49 in (114 mm)  |
| Width                                  | 2.05 in (52 mm)   |
| Product weight                         | 1.06 lb(US) (0.48 kg)   |

## Environment

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

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 00785901719090                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 1.1000000000000001              |
| Returnability         | Y                               |
| Country of origin     | FR                              |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1327 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product end of life instructions | Need no specific recycling operations   |
| California proposition 65        | WARNING: This product can expose you to chemicals including:  |
| - - - - - Substance 1            | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and   |

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|                        |  |
|------------------------|--|
| ----- Substance 2      | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

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### Contractual warranty

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| Warranty period | 18 months |
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