



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Preventa Safety detection  |
| Product or component type     | Safety switch  |
| Component name                | XCSB   |
| 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 push-button                   |
| Local signalling              | On opening of NC contacts 1 LED orange)                              |
| Signalling circuit voltage    | 110/240 V  |

## Complementary

|  |   |
|--|---|
| Positive opening                             | With NC contact   |
| Signalling circuit type                      | AC  |
| 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 120 V, AC-15, A300 EN/IEC 60947-5-1<br>3 A 240 V, AC-15, A300 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q300 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1  |
| [Ithe] conventional enclosed thermal current | 10 A  |
| [Ui] rated insulation voltage                | 300 VUL 508<br>500 VEN/IEC 60947-1<br>300 VCSA C22.2 No 14  |
| [Uimp] rated impulse withstand voltage       | 6 kV EN/IEC 60947-5-1   |
| Short-circuit protection                     | 10 A cartridge fuse gG (gl)   |
| Actuator forcible withdrawal rtc             | 1500 N  |
| 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 EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired 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   |
| Maximum Depth                                | 1.73 in (44 mm)   |
| Height                                       | 4.49 in (114 mm)  |

|               |                        |
|---------------|------------------------|
| Maximum Width | 2.05 in (52 mm)        |
| Net Weight    | 1.05 lb(US) (0.475 kg) |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60204-1<br>UL 508<br>EN 1088/ISO 14119<br>EN/ISO 12100<br>EN/IEC 60947-5-1 |
| Product certifications                | UL<br>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 EN/IEC 61140   |
| IP degree of protection               | IP67 EN/IEC 60529 and EN/IEC 60947-5-1   |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 00785901563631                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 1.17 lb(US) (0.53 kg)           |
| Returnability         | No                              |
| Country of origin     | FR                              |

## Packing Units

|                        |                   |
|------------------------|-------------------|
| Unit Type of Package 1 | PCE               |
| Package 1 Height       | 4.80 in (12.2 cm) |
| Package 1 width        | 1.97 in (5 cm)    |
| Package 1 Length       | 2.68 in (6.8 cm)  |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and 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) <a href="#">EU RoHS Declaration</a>   |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |

## Contractual warranty

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