

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

|  |  |
|--|--|
| Range of product                       | Preventa Safety detection  |
| Product or component type              | Safety switch  |
| Component name                         | XCSLE  |
| Design                                 | Slim   |
| Material                               | Plastic  |
| Head type                              | Key operated turret head   |
| Contacts type and composition          | 3 NC   |
| Contact operation                      | Slow-break, simultaneous   |
| Solenoid contacts type and composition | 3 NC (slow-break, simultaneous)  |
| Cable entry                            | 3 entries tapped M20 x 1.5   |
| Electromagnet interlocking             | Locking on de-energisation and unlocking on energisation of solenoid   |
| [Us] solenoid rated supply voltage     | 230 V (- 15...10 %)  |
| Cable outer diameter                   | 0.28...0.51 in (7...13 mm)   |
| Electrical connection                  | Spring terminal, 1 x 1.5 mm <sup>2</sup> flexible or solid cable<br>Spring terminal, 2 x 0.5 mm <sup>2</sup> flexible cables with 13 mm bared ends |
| Number of poles                        | 3  |
| Locking options description            | With interlocking, locking by solenoid   |
| Local signalling                       | 1 LED orange (actuator withdrawn)<br>1 LED green (actuator inserted and locked)  |
| Signalling circuit voltage             | 230 V  |

## Complementary

|  |   |
|--|---|
| Insulation                                   | Double insulated  |
| Positive opening                             | With NC contact   |
| Supply voltage type                          | AC/DC   |
| Supply frequency                             | 50/60 Hz  |
| Load factor                                  | 1   |
| Signalling circuit type                      | AC  |
| Mechanical durability                        | 1000000 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               | 0.55 A at 24 V utilisation category DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.75 A at 240 V utilisation category AC-15, C300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 4 A   |
| Maximum load current                         | <= 15 A   |
| [Ui] rated insulation voltage                | 300 V conforming to CSA C22.2 No 14<br>250 V (degree of pollution: 3) conforming to EN/IEC 60947-1<br>300 V conforming to UL 508                                  |
| [Uimp] rated impulse withstand voltage       | 4 kV conforming to EN/IEC 60947-5-1   |
| Minimum switching current                    | 10 mA at 20 °C  |
| Minimum switching voltage                    | 17 V  |
| Short-circuit protection                     | 4 A cartridge fuse type gG (gl)<br>6 A type fast blow   |

|                                  |  |
|----------------------------------|--|
| Actuator forcible withdrawal rtc | 1400 N   |
| Actuator force for extraction    | >= 20 N  |
| Resistance to mechanical impact  | 1.2 J against the partition<br>4.9 J without partition   |
| 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 conforming to EN/IEC 61508 |
| Safety reliability data          | B10d = 5500000 (value given for a life time of 20 years limited by mechanical or contact wear)   |
| Body material                    | PA (polyamide)   |
| Head material                    | PA (polyamide)   |
| Depth                            | 2.01 in (51 mm)  |
| Height                           | 8.07 in (205 mm)   |
| Width                            | 1.73 in (44 mm)  |
| Product weight                   | 1.17 lb(US) (0.53 kg)  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN 1088/ISO 14119<br>EN/IEC 62061<br>EN/ISO 13849-1<br>CSA C22.2 No 14<br>EN/IEC 60204-1<br>UL 508<br>EN/IEC 60947-5-1 |
| Product certifications                | CSA<br>UL<br>TÜV   |
| Protective treatment                  | TC   |
| Ambient air temperature for operation | -13...140 °F (-25...60 °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 II conforming to EN/IEC 61140  |
| IP degree of protection               | IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1<br>IP67   |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 003606489413781                 |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 1.6799999999999999              |
| Returnability         | N                               |
| Country of origin     | ID                              |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| RoHS (date code: YYWW)           | Compliant - since 1103 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product end of life instructions | Available  |
| 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  |
| - - - - - 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>                                      |

## Contractual warranty

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

# Mouser Electronics

Authorized Distributor

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