# Product data sheet
## Characteristics

# XCSLE2727313
## plastic safety switch XCSLE - 4 NC - slow break - 3 entries tapped 1/2" NPT-24V



## Main

| | |
|---|---|
| Range of product | Telemecanique Safety switches XCS |
| Product or component type | Safety switch |
| Component name | XCSLE |
| Design | Slim |
| Material | Plastic |
| Head type | Key operated turret head |
| Contacts type and composition | 2 NC |
| Contact operation | Slow-break, simultaneous |
| Solenoid contacts type and composition | 2 NC slow-break, simultaneous) |
| Cable entry | 3 entries tapped 1/2" NPT |
| Electromagnet interlocking | Locking on de-energisation and unlocking on energisation of solenoid |
| [Us] solenoid rated supply voltage | 24  5 ;10 % |
| Electrical connection | Spring terminal 1 x 1.5 mm² flexible or solid cable<br>Spring terminal 2 x 0.5 mm² flexible cables with 13 mm bared ends |
| Number of poles | 2 |
| Locking options description | With interlocking, locking by solenoid |
| Local signalling | For actuator withdrawn 1 LED (orange)<br>For actuator inserted and locked 1 LED (green) |
| Signalling circuit voltage | 24 V |

## Complementary

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|---|---|
| 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/DC |
| 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 24 V, DC-13, R300 EN/IEC 60947-5-1<br>0.75 A 240 V, AC-15, C300 EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 4 A |
| Maximum load current | <= 15 A |
| [Ui] rated insulation voltage | 300 VUL 508<br>300 VCSA C22.2 No 14<br>250 V 3)EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV 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 gG (gl)<br>6 A fast blow |
| Maximum actuator forcible withdrawal rtc | 1400 N |

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.
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|---|---|
| Minimum actuator force for extraction | 20 N |
| Resistance to mechanical impact | 1.2 J against the partition<br>4.9 J without partition |
| 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 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) |
| Maximum Depth | 2.01 in (51 mm) |
| Height | 8.07 in (205 mm) |
| Width | 1.73 in (44 mm) |
| Net Weight | 1.17 lb(US) (0.53 kg) |

## Environment

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|---|---|
| Standards | CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN 1088/ISO 14119<br>EN/ISO 13849-1<br>EN/IEC 60204-1<br>EN/IEC 62061<br>UL 508 |
| Product certifications | UL<br>TÜV<br>CSA |
| 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 10…500 Hz)IEC 60068-2-6 |
| Shock resistance | 10 gn for 11 ms conforming to IEC 60068-2-27 |
| Electrical shock protection class | Class II 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 | 00785901906469 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.4 lb(US) (0.64 kg) |
| Returnability | No |
| Country of origin | ID |

## Packing Units

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|---|---|
| Package 1 Height | 0.570 dm |
| Package 1 width | 0.750 dm |
| Package 1 Length | 2.300 dm |

## Offer Sustainability

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|---|---|
| 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 www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

## Contractual warranty

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| Warranty | 18 months |