# Product data sheet
## Characteristics

# XCSPL552
## safety switch XCSPL - straight lever - centred - 1NC+1NO -M16

Green Premium™

Price** : 82.00 USD

Discontinued

XCSPL552 has not been replaced. Please contact your customer care center for more information.

### Main

| | |
|---|---|
| Range of product | Preventa Safety detection |
| Product or component type | Guard switch |
| Component name | XCSPL |
| Material | Plastic |
| Head type | Turret head rotary lever |
| Insulation | Double insulated |
| Type of operator | Straight lever |
| Operator direction information | Centred |
| Electrical connection | Terminal |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Slow-break, break before make |
| Clamping connection capacity | 1 x 0.5...2 x 1.5 mm² with or without cable end |
| Cable entry | 1 entry tapped M16 x 1.5 |
| Number of poles | 2 |

### Complementary

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|---|---|
| Cable outer diameter | 0.28…0.39 in (7…10 mm) |
| Positive opening | With NC contact |
| Tripping angle | 5 ° |
| Mechanical durability | 1000000 cycles |
| Minimum torque for tripping | 0.89 lbf.in (0.1 N.m) |
| Positive opening minimum torque | 2.21 lbf.in (0.25 N.m) |
| Contact code designation | A300, AC-15 (Ue = 120 V, Ie = 6 A)EN/IEC 60947-5-1<br>A300, AC-15 (Ue = 240 V, Ie = 3 A)EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 125 V, Ie = 0.55 A)EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 250 V, Ie = 0.27 A)EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 10 A |

Disclaimer: 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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|---|---|
| [Ui] rated insulation voltage | 300 VUL 508<br>300 VCSA C22.2 No 14<br>500 V 3)EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV EN/IEC 60947-5-1 |
| Maximum resistance across terminals | 30 mOhm EN/IEC 60947-5-4 |
| Short-circuit protection | 10 A cartridge fuse gG (gl) |
| 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 IEC 61508 |
| Safety reliability data | B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear |
| Enclosure material | Polyamide PA66 fibre glass impregnated |
| Lever material | Stainless steel |
| Width | 1.18 in (30 mm) |
| Height | 6.34 in (161 mm) |
| Depth | 1.18 in (30 mm) |
| Net weight | 0.21 lb(US) (0.095 kg) |

## Environment

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|---|---|
| Standards | CSA C22.2 No 14<br>EN/ISO 12100<br>UL 508<br>EN 1088/ISO 14119<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-1<br>EN/IEC 60204-1 |
| Product certifications | CSA<br>BG<br>UL |
| Protective treatment | TC<br>TH |
| Ambient air temperature for operation | -13…158 °F (-25…70 °C) |
| Ambient air temperature for storage | -40…158 °F (-40…70 °C) |
| Vibration resistance | 50 gn 10…500 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |
| Electrical shock protection class | Class II EN/IEC 61140 |
| IP degree of protection | IP67 IEC 60529 |

## Ordering and shipping details

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|---|---|
| Category | 22411-LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 03389110866339 |
| Package weight(Lbs) | 0.28 lb(US) (0.125 kg) |
| Returnability | No |
| Country of origin | FR |

## 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)<br>EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

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|---|---|
| Circularity Profile | End of Life Information |

## Contractual warranty

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| Warranty | 18 months |