

XCSTR553

Guard switch, Telemecanique Safety switches
XCS, XCSTR, spindle 30 mm, 1NC+2 NO
-1/2"NPT



Main

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|-------------------------------|---|
| Range of Product | Telemecanique Safety switches XCS |
| Product or Component Type | Guard switch |
| Component name | XCSTR |
| Material | Plastic |
| Head type | Turret head rotary axis |
| Insulation | Double insulated |
| Type of operator | Spindle 30 mm |
| Electrical Connection | Terminal |
| Contacts type and composition | 1 NC + 1 NO + 1 NO |
| Contact operation | Slow-break, break before make |
| Clamping Connection Capacity | 1 x 0.34...2 x 0.75 mm ² with or without cable end |
| Cable entry | 2 entries tapped 1/2" NPT |
| Number of poles | 3 |

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 | 3.98 lbf.in (0.45 N.m) |
| Minimum actuation speed | 0.33 ft/s (0.1 m/s) |
| Contact code designation | B300, AC-15 (Ue = 120 V, Ie = 6 A)EN/IEC 60947-5-1 B300, AC-15 (Ue = 240 V, Ie = 3 A)EN/IEC 60947-5-1 Q300, DC-13 (Ue = 125 V, Ie = 0.2 A)EN/IEC 60947-5-1 R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 6 A |
| [Ui] rated insulation voltage | 300 VUL 508 300 VCSA C22.2 No 14 400 V 3)EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV EN/IEC 60947-5-1 |
| Maximum resistance across terminals | 30 mOhm EN/IEC 60947-5-4 |
| Short-circuit protection | 6 A cartridge fuse gG (gl) |
| Safety level | Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1 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 | 2.05 in (52 mm) |
| Height | 4.61 in (117 mm) |
| Depth | 2.36 in (60 mm) |
| Net Weight | 0.34 lb(US) (0.155 kg) |

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Environment

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| Standards | EN 1088/ISO 14119 UL 508 EN/ISO 12100 EN/IEC 60947-5-4 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60204-1 |
| Product Certifications | BG CSA UL |
| Protective treatment | TH 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 | 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 conforming to IEC 60529 |

Ordering and shipping details

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| Category | 22411-LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 3389110177206 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 6.00 oz (170.0 g) |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.36 in (6 cm) |
| Package 1 width | 4.80 in (12.2 cm) |
| Package 1 Length | 2.76 in (7 cm) |

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 |
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