

Main

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| Range of product | Preventa Safety detection |
| Product or component type | Safety switch |
| Component name | XCSTE |
| Design | Rectangular |
| Material | Plastic |
| Head type | Key operated turret head |
| Contacts type and composition | 2 NC |
| Contact operation | Slow-break, simultaneous |
| Solenoid contacts type and composition | 1 NC (slow-break) |
| Cable entry | 1 entry tapped for Pg 11 |
| Electromagnet interlocking | Locking on de-energisation and unlocking on energisation of solenoid |
| [Us] rated supply voltage | 24 V - 20...10 % |
| Cable outer diameter | 7...10 Mm |
| Electrical connection | Terminal, clamping capacity: 1 x 0.5...2 x 1.5 mm ² with or without cable end |
| Number of poles | 2 |
| Locking options description | With interlocking, locking by solenoid |

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 |
| Power consumption in VA | 10 VA |
| Mechanical durability | 1000000 Cycles |
| Positive opening minimum force | 15 N |
| Minimum actuation speed | 0.01 M/S |
| Maximum actuation speed | 0.5 M/S |
| [Ie] rated operational current | 0.55 A at 125 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 6 A |
| [Ui] rated insulation voltage | 300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | EN/IEC 60947-5-1 6 kV |

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| Short-circuit protection | 10 A cartridge fuse type gG (gl) |
| Actuator forcible withdrawal rtc | 500 N |
| Maximum 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 Can reach PL = e with the appropriate monitoring system and correctly wired-conforming to EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to 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 | PA (polyamide) |
| Head material | PA (polyamide) |
| Depth | 33 Mm |
| Height | 94 Mm |
| Width | 110 Mm |
| Net weight | 0.36 Kg |

Environment

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| Standards | CSA C22.2 No 14 EN/IEC 60947-5-1 EN/ISO 12100 EN 1088/ISO 14119 EN/IEC 60204-1 UL 508 |
| Product certifications | UL CSA |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 10 gn for 11 ms conforming to IEC 60068-2-27 |
| Electrical shock protection class | Class II conforming to EN/IEC 61140 |
| IP degree of protection | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 391 G |
| Package 1 Height | 4 Cm |
| Package 1 width | 10.8 Cm |
| Package 1 Length | 11.5 Cm |

Offer Sustainability

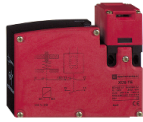
| | |
|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

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| Warranty | 18 months |
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Product Life Status : **Commercialised**

XCSTE7311 may be replaced by any of the following products:

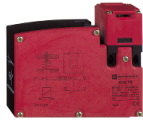


XCSTE7312

plastic safety switch XCSTE - 2 NC - slow break - 1entry tapped M16 - 24 V

Qty 1

Reason for Substitution: Rebrand | Substitution date: 20 Jan 2005 |



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plastic safety switch XCSTE - 2 NC - slow break - 1entry tapped M16 - 24 V

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