

XCSD3910N12

Safety limit switch, Telemecanique Safety switches XCS, metal, steel plunger, 2NC+1 NO, 1 entry tapped 1/2" NPT



Main

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|-------------------------------|----------------------------------------------------------------------|
| Range of Product | Telemecanique Safety switches XCS |
| Product or Component Type | Safety limit switch |
| Component name | XCSD |
| Design | Compact |
| Material | Metal |
| Head type | Plunger head |
| Protection technology | Plastic protective cover, secured by 5-lobe socket head safety screw |
| Type of approach | On end approach |
| Type of operator | Metal end plunger |
| Contacts type and composition | 1 NC + 1 NC + 1 NO |
| Contact operation | Snap action |
| Cable entry | 1 entry tapped 1/2" NPT |

Complementary

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|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Connection | Terminal |
| Clamping connection capacity | 1 x 0.34...2 x 0.75 mm ² |
| Number of poles | 3 |
| Positive opening | With NC contact |
| Mechanical durability | 15000000 cycles |
| Minimum force for tripping | 15 N |
| Positive opening minimum force | 45 N |
| Minimum actuation speed | 0.03 ft/s (0.01 m/s) |
| Maximum actuation speed | 1.64 ft/s (0.5 m/s) |
| Contact code designation | B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 6 A |
| [Ui] rated insulation voltage | 300 VUL 508 400 V 3)EN/IEC 60947-1 300 VCSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 4 kV EN/IEC 60947-1 4 kV IEC 60664 |
| Maximum resistance across terminals | 25 MOhm IEC 60255-7 category 3 |
| Short-circuit protection | 6 A cartridge fuse gG (gl) |
| Repeat accuracy | 0.1 mm on tripping points, 1 million operating cycles for head with end plunger |
| Body Material | Zamak |
| Head material | Zamak |
| Enclosure Material | Plastic |
| Depth | 1.38 in (35 mm) |
| Height | 3.50 in (89 mm) |
| Width | 1.34 in (34 mm) |
| Product Weight | 0.47 lb(US) (0.215 kg) |

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Environment

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| Standards | CSA C22.2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN 1088/ISO 14119 UL 508 |
| Product Certifications | UL CSA |
| 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 = 50000000 value given for a life time of 20 years limited by mechanical or contact wear |
| Protective treatment | 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 | 25 gn 10...500 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |
| Electrical shock protection class | Class I NF C 20-030 Class I EN/IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 |
| IK degree of protection | IK06 EN 50102 |

Ordering and shipping details

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| Category | 22411-LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 3389110240764 |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.13 in (10.5 cm) |
| Package 1 Width | 1.30 in (3.3 cm) |
| Package 1 Length | 1.69 in (4.3 cm) |
| Package 1 Weight | 7.72 oz (219.0 g) |

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 |

Contractual warranty

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| Warranty | 18 months |
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