



Main

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| Range of product | OsiSense XC |
| Series name | Standard format |
| Product or component type | Limit switch |
| Device short name | XCKJ |
| Sensor design | Form A conforming to CENELEC EN 50041 |
| Body type | Fixed |
| Head type | Rotary head |
| Material | Metal |
| Body material | Zamak |
| Head material | Zamak |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Spring return roller lever metal |
| Type of approach | Lateral approach 1 or 2 programmable direction |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Snap action |

Complementary

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| Switch actuation | By 30° cam |
| Electrical connection | Male connector |
| Contacts insulation form | Zb |
| Number of steps | 1 |
| Positive opening | With |
| Positive opening minimum torque | 4.42 lbf.in (0.5 N.m) |
| Minimum torque for tripping | 2.21 lbf.in (0.25 N.m) |
| Maximum actuation speed | 4.92 ft/s (1.5 m/s) |
| [Ie] rated operational current | 3 A at 50 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 50 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 4 A |
| [Ui] rated insulation voltage | 60 V degree of pollution 3 conforming to IEC 60947-1 |
| Resistance across terminals | <= 25 MOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 0.8 kV conforming to IEC 60664 0.8 kV conforming to IEC 60947-1 |
| Short-circuit protection | 4 A by gG cartridge fuse |
| Electrical durability | 5000000 cycles, DC-13, inductive load type, 24 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability | 30000000 cycles |
| Width | 1.57 in (40 mm) |
| Height | 3.5 in (89 mm) |
| Depth | 1.73 in (44 mm) |
| Product weight | 1.08 lb(US) (0.49 kg) |
| Terminals description ISO n°1 | (13-14)NO (21-22)NC |

Environment

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| shock resistance | 50 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
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| vibration resistance | 25 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| IP degree of protection | IP66 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to EN 50102 |
| overvoltage category | Class I conforming to NF C 20-030 Class I conforming to IEC 61140 |
| ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| protective treatment | TC |
| product certifications | CCC CSA UL |
| standards | CENELEC EN 50041 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14 |

Offer Sustainability

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|--|--|
| Not Green Premium product | Not Green Premium product |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | 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. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
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