



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 |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Metal spring return roller lever |
| Type of approach | 1 or 2 programmable direction lateral approach |
| Electrical connection | Screw-clamp terminals , clamping capacity: 1 x 0.34...2 x 1.5 mm ² |
| Cable entry | 1 entry tapped for 1/2" NPT cable gland |
| Number of poles | 2 |
| Contacts type and composition | 1 NO + 1 NC |
| Contacts operation | Snap action |
| Positive opening | With |

Complementary

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| Body material | Zamak |
| Head material | Zamak |
| Switch actuation | By 30° cam |
| Contacts insulation form | Zb |
| Number of steps | 1 |
| Positive opening minimum torque | 0.5 N.m |
| Minimum torque for tripping | 0.25 N.m |
| Maximum actuation speed | 1.5 m/s |
| Contact code designation | A300 , AC-15 (U _e = 240 V , I _e = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300 , DC-13 (U _e = 250 V , I _e = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A |
| [I _{th}] conventional enclosed thermal current | 10 A , AC |
| [U _i] rated insulation voltage | 300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 |
| Resistance across terminals | ≤ 25 mOhm conforming to IEC 60255-7 category 3 |
| [U _{imp}] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664 |
| Short circuit protection | 10 A by gG cartridge fuse |
| Electrical durability | 5000000 cycles , DC-13 inductive load type, 48 V , 7 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn 5000000 cycles , DC-13 inductive load type, 120 V , 4 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn 5000000 cycles , DC-13 inductive load type, 24 V , 10 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn |
| Mechanical durability | 30000000 cycles |
| Width | 40 mm |

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| Height | 77 mm |
| Depth | 44 mm |
| Product weight | 0.49 kg |

Environment

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| Shock resistance | 50 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| 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 |
| Class of protection against electric shock | Class I conforming to IEC 61140 Class I conforming to NF C 20-030 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Protective treatment | TC |
| Product certifications | CCC CSA UL |
| Standards | CENELEC EN 50041 CSA C22-2 No 14 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 |
| RoHS EUR conformity date | 4Q2009 |
| RoHS EUR status | Will be compliant |