

## Main

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|-------------------------------|--|
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch   |
| Device short name             | XCKT   |
| Sensor design                 | Compact  |
| Body type                     | Fixed  |
| Head type                     | Rotary head  |
| Material                      | Plastic  |
| Movement of operating head    | Rotary   |
| Type of operator              | Spring return without operating lever  |
| Type of approach              | 2 directions lateral approach  |
| Electrical connection         | Screw-clamp terminals , clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup> |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO  |
| Contacts operation            | Slow-break, break before make  |
| Positive opening              | With   |

## Complementary

|  |  |
|--|--|
| Body material                          | Plastic  |
| Head material                          | Zamak  |
| Cable entry                            | 2 entries tapped for Pg 11 cable gland   |
| Contacts insulation form               | Zb   |
| Positive opening minimum torque        | 0.25 N.m   |
| Minimum torque for tripping            | 0.1 N.m  |
| Maximum actuation speed                | 1.5 m/s  |
| Contact code designation               | A300 , AC-15 (Ue = 240 V , Ie = 3 A) 10 A conforming to EN/IEC 60947-5-1 appendix A<br>Q300 , DC-13 (Ue = 250 V , Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A   |
| [Ui] rated insulation voltage          | 300 V conforming to UL 508<br>300 V conforming to CSA C22-2 No 14<br>500 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 | 6 kV conforming to IEC 60947-1<br>6 kV conforming to IEC 60664   |
| Short circuit protection               | 10 A by gG cartridge fuse  |
| Electrical durability                  | 5000000 cycles , DC-13 , 24 V , 13 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn<br>5000000 cycles , DC-13 , 48 V , 9 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn<br>5000000 cycles , DC-13 , 120 V , 7 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn |
| Mechanical durability                  | 10000000 cycles  |
| Product weight                         | 0.13 kg  |

## Environment

|  |   |
|--|---|
| 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<br>IP67 conforming to IEC 60529                            |
| IK degree of protection                    | IK04 conforming to EN 50102   |
| Class of protection against electric shock | Class II conforming to IEC 61140<br>Class II 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<br>CSA<br>UL  |
| Standards                                  | CSA C22-2 No 14<br>EN 60204-1<br>EN 60947-5-1<br>IEC 60204-1<br>IEC 60947-5-1<br>UL 508 |