



### Main

|                               |  |
|-------------------------------|--|
| Commercial Status             | Commercialised   |
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch body  |
| Device short name             | ZCKS   |
| Body type                     | Fixed  |
| Product compatibility         | XCKS   |
| Associated head               | ZCKD01<br>ZCKD019<br>ZCKD02<br>ZCKD05<br>ZCKD06<br>ZCKD08<br>ZCKD31<br>ZCKD33<br>ZCKD34<br>ZCKD39<br>ZCKD41<br>ZCKD49<br>ZCKD54<br>ZCKD55<br>ZCKD59<br>ZCKD81<br>ZCKD91<br>ZCKD029 |
| Body material                 | Plastic  |
| Cable entry                   | 1 entry tapped for M20 x 1.5 cable gland   |
| Number of poles               | 2  |
| Contacts type and composition | 2 C/O  |
| Contacts operation            | Snap action  |
| Number of steps               | 1 1 position   |
| Contacts material             | Silver plated contacts   |

### Complementary

|  |  |
|--|--|
| Local display                          | Without  |
| Electrical connection                  | Screw-clamp terminals, clamping capacity: 1 x 0.75...2 x 1.5 mm <sup>2</sup>   |
| Positive opening                       | Without  |
| Minimum actuation speed                | 0.01 m/min   |
| Contact code designation               | Q300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A<br>A300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A, I <sub>the</sub> = 10 A) conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage          | 500 V degree of pollution 3 conforming to IEC 60947-1 contact block<br>300 V conforming to UL 508 contact block<br>300 V conforming to CSA 22-2 No 14 contact block  |
| Resistance across terminals            | 0.25 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 48 V, 7 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 24 V, 10 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 120 V, 4 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Product weight        | 0.08 kg   |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| IP degree of protection               | IP65                                 |
| IK degree of protection               | IK08                                 |
| Ambient air temperature for operation | -25...70 °C for standard environment |
| Ambient air temperature for storage   | -40...70 °C                          |
| Environmental characteristic          | Standard environment                 |