



Main

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| 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 |
| Local display | Without |
| Electrical connection | Screw-clamp terminals , clamping capacity: 1 x 0.5...2 x 2.5 mm ² |
| Cable entry | 1 entry tapped for Pg 13.5 cable gland |
| Number of poles | 2 |
| Contacts type and composition | 2 NO |
| Contacts operation | Slow-break Slow-break, simultaneous |
| Positive opening | Without |
| Ambient air temperature for operation | -25...70 °C for standard environment |
| Environmental characteristic | Standard environment |

Complementary

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| Associated head | ZCKD01 ZCKD019 ZCKD02 ZCKD05 ZCKD06 ZCKD08 ZCKD29 ZCKD31 ZCKD33 ZCKD34 ZCKD39 ZCKD41 ZCKD49 ZCKD54 ZCKD55 ZCKD59 ZCKD81 ZCKD91 |
| Body material | Plastic |
| Number of steps | 1 |
| Contacts material | Silver plated contacts |
| Minimum actuation speed | 6 m/min |
| Contact code designation | A300 , AC-15 (U _e = 240 V , I _e = 3 A), I _{the} = 10 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 |
| [Ui] rated insulation voltage | 300 V conforming to UL 508 contact block 300 V conforming to CSA 22-2 No 14 contact block 500 V degree of pollution 3 conforming to IEC 60947-1 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 6 kV conforming to IEC 60664 |
| Short circuit protection | 10 A by gG cartridge fuse |

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| Electrical durability | 5000000 cycles , DC-13 (Uc = 48 V), 9 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 120 V), 7 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 24 V), 13 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C |
| Product weight | 0.08 kg |

Environment

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|-------------------------------------|-------------------|
| IP degree of protection | IP65 |
| IK degree of protection | IK08 |
| Ambient air temperature for storage | -40...70 °C |
| RoHS EUR conformity date | 4Q2009 |
| RoHS EUR status | Will be compliant |