



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 |
| Associated head | ZCKD54 ZCKD02 ZCKD01 ZCKD39 ZCKD55 ZCKD029 ZCKD81 ZCKD49 ZCKD05 ZCKD41 ZCKD91 ZCKD34 ZCKD06 ZCKD33 ZCKD31 ZCKD08 ZCKD59 ZCKD019 |
| Body material | Plastic |
| Cable entry | 1 entry tapped for Pg 13.5 cable gland |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Snap action |
| Number of steps | 1 1 position |
| Contacts material | Gold plated contacts |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

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| Local display | Without |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ² |
| Positive opening | With |
| Minimum actuation speed | 0.01 m/min |
| [Ie] rated operational current | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 300 V conforming to CSA C22.2 No 14 contact block 300 V conforming to UL 508 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 60664 6 kV conforming to IEC 60947-1 |
| Short-circuit protection | 10 A by gG cartridge fuse |
| Electrical durability | 5000000 cycles, DC-13 120 V, 7 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 13 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width | 40 mm |
| Height | 73 mm |
| Depth | 36 mm |
| Product weight | 0.08 kg |
| Terminals description ISO n°1 | (13-14)NO (21-22)NC |
| Compatibility code | ZCKS |

Environment

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|---------------------------------------|--------------------------------------|
| IP degree of protection | IP65 |
| IK degree of protection | IK03 |
| Ambient air temperature for operation | -25...70 °C for standard environment |
| Ambient air temperature for storage | -40...70 °C |
| Environmental characteristic | Standard environment |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1327 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product environmental |
| Product end of life instructions | Available Product environmental |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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