



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch body  |
| Device short name             | ZCKM   |
| Body type                     | Fixed  |
| Product compatibility         | XCKM   |
| Associated head               | ZCKD16<br>ZCKD23<br>ZCKD15<br>ZCKD109<br>ZCKD06<br>ZCKD91<br>ZCKD05<br>ZCKD81<br>ZCKD21<br>ZCKD02<br>ZCKD239<br>ZCKD10<br>ZCKD41<br>ZCKD17<br>ZCKD08<br>ZCKD029<br>ZCKD59<br>ZCKD219 |
| Body material                 | Metal  |
| Cable entry                   | 3 entries tapped for Pg 11 cable gland   |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO  |
| Contact operation             | Slow-break, make before break  |
| Number of steps               | 1 1 position   |
| Contacts material             | Gold plated contacts   |

## Complementary

|                       |   |
|-----------------------|---|
| Local display         | Without   |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup> |
| Positive opening      | With  |

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

|  |   |
|--|---|
| Minimum actuation speed                      | 6 m/min   |
| [Ie] rated operational current               | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A<br>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<br>300 V conforming to UL 508 contact block<br>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<br>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<br>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<br>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  | 64 mm   |
| Height                                       | 64 mm   |
| Depth  | 30 mm   |
| Product weight                               | 0.21 kg   |
| Terminals description ISO n°1                | (23-24)NO<br>(13-14)NO  |
| Compatibility code                           | ZCKM  |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| IP degree of protection               | IP66                                 |
| IK degree of protection               | IK05                                 |
| 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

|                                  |  |
|----------------------------------|--|
| RoHS (date code: YYWW)           | Will not be compliant<br>Will not be compliant   |
| REACH                            | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations  |

## Contractual warranty

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