



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch body  |
| Device short name             | ZCKJ   |
| Body type                     | Fixed  |
| Product compatibility         | XCKJ   |
| Associated head               | ZCKE66<br>ZCKE05<br>ZCKE08<br>ZCKE64<br>ZCKE23<br>ZCKE629<br>ZCKE619<br>ZCKE65<br>ZCKE67<br>ZCKE21<br>ZCKE63<br>ZCKE06<br>ZCKE61<br>ZCKE62 |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for Pg 13.5 cable gland   |
| Number of poles               | 3  |
| Contacts type and composition | 2 NC + 1 NO  |
| Contact operation             | Slow-break, break before make  |
| Number of steps               | 1 1 position   |
| Contacts material             | Silver plated contacts   |

## Complementary


|                       |   |
|-----------------------|---|
| Local display         | Without   |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 0.75 mm <sup>2</sup> |

|  |   |
|--|---|
| Positive opening                             | With  |
| Minimum actuation speed                      | 6 m/min   |
| [Ie] rated operational current               | 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A<br>0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 appendix A  |
| [Ithe] conventional enclosed thermal current | 6 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>400 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, 4 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 48 V, 7 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width  | 52 mm   |
| Height                                       | 72 mm   |
| Depth  | 30 mm   |
| Product weight                               | 0.21 kg   |
| Terminals description ISO n°1                | (21-22)NC<br>(13-14)NO  |
| Compatibility code                           | ZCKL  |

## 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

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1022 - Schneider Electric declaration of conformity<br> <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>  |
| Product end of life instructions | Need no specific recycling operations   |

## Contractual warranty

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