



## 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               | ZCKE05<br>ZCKE06<br>ZCKE08<br>ZCKE21<br>ZCKE23<br>ZCKE61<br>ZCKE619<br>ZCKE62<br>ZCKE629<br>ZCKE63<br>ZCKE64<br>ZCKE65<br>ZCKE66<br>ZCKE67 |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for Pg 13.5 cable gland   |
| Number of poles               | 3  |
| Contacts type and composition | 1 NC + 2 NO  |
| Contact 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 0.34...2 x 0.75 mm <sup>2</sup>  |
| Positive opening                             | With   |
| Minimum actuation speed                      | 0.01 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 UL 508 contact block<br>400 V degree of pollution 3 conforming to IEC 60947-1 contact block<br>300 V conforming to CSA C22.2 No 14 contact block   |
| Resistance across terminals                  | 0.25 mOhm conforming to IEC 60255-7 category 3   |
| [Uimp] rated impulse withstand voltage       | 4 kV conforming to IEC 60664<br>4 kV conforming to IEC 60947-1   |
| Short-circuit protection                     | 6 A by gG cartridge fuse   |
| Electrical durability                        | 5000000 cycles, DC-13 120 V, 1 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, 3 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, 2 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width  | 1.57 in (40 mm)  |
| Height                                       | 3.03 in (77 mm)  |
| Depth  | 1.73 in (44 mm)  |
| Product weight                               | 0.68 lb(US) (0.31 kg)  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Terminals description ISO n°1

(13-14)NO  
(21-22)NC  
(31-32)NC

## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP66  |
| IK degree of protection               | IK07  |
| ambient air temperature for operation | -13...158 °F (-25...70 °C) standard environment |
| ambient air temperature for storage   | -40...158 °F (-40...70 °C)                      |
| environmental characteristic          | Standard environment                            |

## Offer Sustainability

|  |  |
|--|--|
| Green Premium product  | Green Premium product  |
| Compliant - since 1022 - Schneider Electric declaration of conformity  | Compliant - since 1022 - Schneider Electric declaration of conformity  |
| Reference not containing SVHC above the threshold  | Reference not containing SVHC above the threshold  |
| Need no specific recycling operations  | Need no specific recycling operations  |
| WARNING: This product can expose you to chemicals including:   | WARNING: This product can expose you to chemicals including:   |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

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