



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC                                      |
| Series name                   | Standard format                                  |
| Product or component type     | Limit switch body with spring return rotary head |
| Device short name             | ZCKJ   |
| Body type                     | Plug-in body                                     |
| Product compatibility         | XCKJ   |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for M20 x 1.5 cable gland         |
| Number of poles               | 2  |
| Contacts type and composition | 2 C/O  |
| Contact operation             | Snap action                                      |
| Number of steps               | 2 3 positions                                    |
| Contacts material             | Silver plated contacts                           |

## Complementary

|  |  |
|--|--|
| Switch actuation                             | From left and right  |
| Local display                                | Without  |
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.75...2 x 1.5 mm <sup>2</sup>   |
| Positive opening                             | Without  |
| 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<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, 4 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C   |

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

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  
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                         | 43 mm  |
| Height                        | 84 mm  |
| Depth                         | 36 mm  |
| Product weight                | 0.3 kg   |
| Terminals description ISO n°1 | (21-22)NC<br>(11-12)NC<br>(13-14)NO<br>(23-24)NO |
| Compatibility code            | ZCKJ   |

## Environment

|                                       |                                  |
|---------------------------------------|----------------------------------|
| IP degree of protection               | IP66                             |
| IK degree of protection               | IK07                             |
| Ambient air temperature for operation | 10...120 °C for high temperature |
| Ambient air temperature for storage   | 10...120 °C                      |
| Environmental characteristic          | High temperature                 |

## 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 |
|-----------------|-----------|