



## 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                     | Fixed                                            |
| Product compatibility         | XCKJ                                             |
| Body material                 | Metal                                            |
| Cable entry                   | 1 entry tapped for Pg 13.5 cable gland           |
| Number of poles               | 2                                                |
| Contacts type and composition | 2 C/O                                            |
| Contacts 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                                                                                                                                                                                    |
| Contact code designation               | A300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A), I <sub>the</sub> = 10 A) conforming to EN/IEC 60947-5-1 appendix A<br>Q300, DC-13 250 V conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage          | 300 V conforming to CSA 22-2 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                                                                                                                                                                     |
| Width                                  | 44 mm                                                                                                                                                                                         |
| Height                                 | 40 mm                                                                                                                                                                                         |
| Depth                                  | 77 mm                                                                                                                                                                                         |
| Product weight                         | 0.455 kg                                                                                                                                                                                      |

## Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| IP degree of protection               | IP65                            |
| IK degree of protection               | IK08                            |
| Ambient air temperature for operation | -40...20 °C for low temperature |
| Ambient air temperature for storage   | -40...70 °C                     |
| Environmental characteristic          | Low temperature                 |
| RoHS EUR status                       | Will be Compliant               |
| RoHS EUR conformity date              | 4Q2011                          |