



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch body  |
| Device short name             | ZC2J   |
| Body type                     | Fixed  |
| Product compatibility         | XC2J   |
| Associated head               | ZC2JE01<br>ZC2JE02<br>ZC2JE03<br>ZC2JE05<br>ZC2JE09<br>ZC2JE61<br>ZC2JE62<br>ZC2JE63<br>ZC2JE64<br>ZC2JE65<br>ZC2JE66<br>ZC2JE70 |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for M20 x 1.5 cable gland   |
| Number of poles               | 1  |
| Contacts type and composition | 1 C/O  |
| 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 0.5...2 x 2.5 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                | 500 V 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  |
| 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  | 1.57 in (40 mm)   |
| Height                                       | 3.19 in (81 mm)   |
| Depth  | 1.61 in (41 mm)   |
| Product weight                               | 0.78 lb(US) (0.355 kg)  |
| Terminals description ISO n°1                | (11-12)NC<br>(13-14)NO<br>(21-22)NC<br>(23-24)NO  |

## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP65  |
| IK degree of protection               | IK08  |
| 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

|  |  |
|--|--|
| Not Green Premium product  | Not Green Premium product  |
| Will not be Compliant  | Will not be Compliant  |
| 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 |
|-----------------|-----------|