



## 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               | ZC2JE84<br>ZC2JE06<br>ZC2JE82<br>ZC2JE07<br>ZC2JE81<br>ZC2JE85<br>ZC2JE04<br>ZC2JE83 |
| Body material                 | Metal  |
| Cable entry                   | 1 tapped entry for Pg 13.5 cable gland (included)                                    |
| Number of poles               | 2  |
| Contacts type and composition | 2 C/O  |
| Contact operation             | Snap action  |
| Number of steps               | 2 3 positions<br>2 sequential  |
| Contacts material             | Silver plated contacts   |

## Complementary

|   |   |
|---|---|
| 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  |
| [I <sub>e</sub> ] 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>500 V conforming to IEC 60947-1 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 |
| Electrical circuit type                      | Indicator light module neon light, 110 V  |
| Width  | 40 mm   |
| Height                                       | 81 mm   |
| Depth  | 41 mm   |
| Product weight                               | 0.355 kg  |
| Terminals description ISO n°1                | (23-24)NO<br>(21-22)NC<br>(13-14)NO<br>(11-12)NC  |
| Compatibility code                           | ZC2J  |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| IP degree of protection               | IP65                                 |
| IK degree of protection               | IK08                                 |
| 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 1014 - 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 |
|-----------------|-----------|