



**Main**

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC  |
| Series name                   | Standard compact   |
| Product or component type     | Limit switch body  |
| Device short name             | ZCD  |
| Design                        | Compact  |
| Body type                     | Fixed  |
| Associated head               | ZCE01<br>ZCE02<br>ZCE05<br>ZCE06<br>ZCE07<br>ZCE08<br>ZCE09<br>ZCE10<br>ZCE11<br>ZCE13<br>ZCE14<br>ZCE21<br>ZCE24<br>ZCE27<br>ZCE28<br>ZCE29<br>ZCE62<br>ZCE63<br>ZCE64<br>ZCE65<br>ZCE66<br>ZCE67<br>ZCEH0<br>ZCEH2 |
| Body material                 | Zamak  |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO  |
| Contacts operation            | Snap action  |

**Complementary**

|  |  |
|--|--|
| Electrical connection                  | Male connector M12, 5 pins   |
| Contacts insulation form               | Zb   |
| Contacts material                      | Silver plated contacts   |
| Positive opening                       | With   |
| Minimum actuation speed                | 0.01 m/s   |
| Contact code designation               | B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage          | 300 V conforming to UL 508<br>500 V degree of pollution 3 conforming to IEC 60947-1<br>300 V conforming to CSA C22.2 No 14                                       |
| Resistance across terminals            | < 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  |

|  |   |
|--|---|
| [Ie] rated operational current               | 3 A at 50 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A<br>0.27 A at 50 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A   |
| [Ithe] conventional enclosed thermal current | 4 A   |
| Electrical durability                        | 5000000 cycles, DC-13 24 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5<br>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<br>conforming to IEC 60947-5-1 appendix C |
| Width  | 31 mm   |
| Height                                       | 65 mm   |
| Depth  | 30 mm   |

## Environment

|                                       |             |
|---------------------------------------|-------------|
| Product compatibility                 | XCKD        |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage   | -40...70 °C |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0928 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product end of life instructions | Need no specific recycling operations   |