



### 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>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   |
| Contact operation             | Slow-break, break before make   |

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

## Complementary

|   |   |
|---|---|
| Associated connection component                     | ZCDEF12<br>ZCDEG11<br>ZCDEG13<br>ZCDEN12<br>ZCDEP16<br>ZCDEP20  |
| Electrical connection                               | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>   |
| Contacts insulation form                            | Zb  |
| Contacts material                                   | Silver plated contacts  |
| Positive opening                                    | With  |
| Minimum actuation speed                             | 6 m/s   |
| Contact code designation                            | B300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A  |
| [U <sub>i</sub> ] rated insulation voltage          | 300 V conforming to CSA C22.2 No 14<br>500 V degree of pollution 3 conforming to IEC 60947-1<br>300 V conforming to UL 508  |
| [U <sub>imp</sub> ] 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, 7 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, 13 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, 9 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width   | 31 mm   |
| Height  | 65 mm   |
| Depth   | 30 mm   |
| Terminals description ISO n°1                       | (13-14)NO_CL<br>(21-22)NC   |
| Device presentation                                 | Basic element   |
| Compatibility code                                  | ZCD   |

## 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 1002 - 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 |
|-----------------|-----------|