



Main

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| Range of product | OsiSense XC |
| Series name | Standard format |
| Product or component type | Limit switch body |
| Device short name | ZCD |
| Body type | Fixed |
| Product compatibility | XCKD |
| Associated head | ZCE01 ZCE02 ZCE06 ZCE07 ZCE08 ZCE09 ZCE10 ZCE11 ZCE13 ZCE14 ZCE21 ZCE24 ZCE27 ZCE28 ZCE29 ZCE62 ZCE63 ZCE64 ZCE65 ZCE66 ZCE67 ZCEH0 ZCEH2 |
| Electrical connection | Screw-clamp terminals , clamping capacity: 1 x 0.34...2 x 0.75 mm ² |
| Number of poles | 3 |
| Contacts type and composition | 2 NC + 1 NO |
| Contacts operation | Snap action |
| Contacts material | Silver plated contacts |
| Positive opening | With |

Complementary

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| Design | Compact |
| Associated connection component | ZCDEF12 ZCDEG11 ZCDEG13 ZCDEN12 ZCDEP16 ZCDEP20 |
| Body material | Zamak |
| Contacts insulation form | Zb |
| Minimum actuation speed | 0.01 m/min |
| Contact code designation | C300 , AC-15 (U _e = 240 V , I _e = 0.75 A) conforming to EN/IEC 60947-5-1 appendix A R300 , DC-13 (U _e = 250 V , I _e = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14 400 V degree of pollution 3 conforming to IEC 60947-1 |
| Resistance across terminals | < 25 mOhm conforming to IEC 60255-7 category 3 |

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| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-1 4 kV conforming to IEC 60664 |
| Short circuit protection | 6 A by gG cartridge fuse |
| Electrical durability | 5000000 cycles , DC-13 (Uc = 24 V), 3 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 48 V), 2 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 120 V), 1 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C |
| Width | 31 mm |
| Height | 65 mm |
| Depth | 30 mm |
| Product weight | 0.14 kg |

Environment

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|---------------------------------------|-------------------|
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| RoHS EUR conformity date | 4Q2009 |
| RoHS EUR status | Will be compliant |