



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Telemecanique Limit switches XC Standard   |
| Series name                   | Standard compact   |
| Product or component type     | Limit switch body  |
| Device short name             | ZCD  |
| Design                        | Compact  |
| Body type                     | Fixed  |
| Associated head               | ZCE64<br>ZCE28<br>ZCE11<br>ZCE27<br>ZCE14<br>ZCE65<br>ZCE29<br>ZCE10<br>ZCE21<br>ZCEH2<br>ZCE66<br>ZCE09<br>ZCE62<br>ZCE06<br>ZCE67<br>ZCE02<br>ZCE05<br>ZCE01<br>ZCE13<br>ZCEH0<br>ZCE08<br>ZCE07<br>ZCE24<br>ZCE63 |
| Body material                 | Zamak  |
| Number of poles               | 2  |
| Contacts type and composition | 2 NC   |

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

|                   |                           |
|-------------------|---------------------------|
| Contact operation | Snap action, simultaneous |
|-------------------|---------------------------|

## Complementary

|   |   |
|---|---|
| Associated connection component                     | ZCDEG13<br>ZCDEP16<br>ZCDEP20<br>ZCDEN12<br>ZCDEG11<br>ZCDEF12  |
| Electrical connection                               | Screw-clamp terminals 1 x 0.34...2 x 1.5 mm <sup>2</sup>  |
| Contacts insulation form                            | Zb  |
| Contacts material                                   | Silver plated contacts  |
| Positive opening                                    | With  |
| Minimum actuation speed                             | 0.03 ft/s (0.01 m/s)  |
| Contact code designation                            | B300, AC-15 (U <sub>e</sub> = 240 V), I <sub>e</sub> = 1.5 A EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (U <sub>e</sub> = 250 V), I <sub>e</sub> = 0.1 A EN/IEC 60947-5-1 appendix A  |
| [U <sub>i</sub> ] rated insulation voltage          | 300 VUL 508<br>500 V 3)IEC 60947-1<br>300 VCSA C22.2 No 14  |
| [U <sub>imp</sub> ] rated impulse withstand voltage | 6 kV IEC 60664<br>6 kV IEC 60947-1  |
| Short-circuit protection                            | 6 A cartridge fuse gG   |
| Electrical durability                               | 5000000 cycles, DC-13 120 V, 1 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 24 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 48 V, 2 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Width   | 1.22 in (31 mm)   |
| Height  | 2.56 in (65 mm)   |
| Depth   | 1.18 in (30 mm)   |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Product compatibility                 | XCKD                       |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C) |

## Packing Units

|                  |                        |
|------------------|------------------------|
| Package 1 Weight | 0.30 lb(US) (0.138 kg) |
| Package 1 Height | 0.420 dm               |
| Package 1 width  | 0.430 dm               |
| Package 1 Length | 0.760 dm               |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|