

# ZCT25P16

limit switch body ZCT - compact - 1NC+1NO -  
slow-break - M16



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | OsiSense XC   |
| Series name                   | Standard compact  |
| Product or component type     | Limit switch body   |
| Device short name             | ZCT   |
| 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                 | Plastic   |
| Number of poles               | 2   |
| Contacts type and composition | 1 NC + 1 NO   |
| Contact operation             | Slow-break, break before make   |

## Complementary

|  |  |
|--|--|
| Electrical connection                  | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>  |
| Cable entry                            | 2 entries tapped for M16 x 1.5 cable gland, cable outer diameter: 4...8 mm   |
| 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 |
| [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   |
| [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  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                       |   |
|-----------------------|---|
| 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                 | 58 mm   |
| Height                | 51 mm   |
| Depth                 | 30 mm   |
| Product weight        | 0.085 kg  |

## Environment

|                                       |             |
|---------------------------------------|-------------|
| Product compatibility                 | XCKT        |
| 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 1031 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                    | Reference not containing SVHC above the threshold                                     |