

## zcmd21

limit switch body ZCMD - 1NC+1NO - silver - snap action



### Main

|                               |   |
|-------------------------------|---|
| Range of product              | OsiSense XC   |
| Series name                   | Standard format   |
| Product or component type     | Limit switch body   |
| Device short name             | ZCMD  |
| Design                        | Miniature   |
| Body type                     | Plug-in body  |
| 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>ZCEF0<br>ZCEF2<br>ZCEG1<br>ZCEH0<br>ZCEH2 |
| Body material                 | Zamak   |
| Number of poles               | 2   |
| Contacts type and composition | 1 NC + 1 NO   |
| Contacts operation            | Snap action   |

### Complementary

|                                 |  |
|---------------------------------|--|
| Product compatibility           | XCMD   |
| Associated connection component | ZCMC21L1<br>ZCMC21L10<br>ZCMC21L2<br>ZCMC21L3<br>ZCMC21L5<br>ZCMC21L7<br>ZCMC21E1<br>ZCMC21E10<br>ZCMC21E2<br>ZCMC21E3<br>ZCMC21E5<br>ZCMC21E7<br>ZCMC21T1<br>ZCMC21T2<br>ZCMC21T5 |
| Electrical connection           | Plug-in without pre-cabled connection  |
| Contacts insulation form        | Zb   |
| Contacts material               | Silver plated contacts   |

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|  |  |
|--|--|
| Positive opening                       | With   |
| Minimum actuation speed                | 0.01 m/min   |
| 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 degree of pollution 3 conforming to UL 508<br>400 V degree of pollution 3 conforming to IEC 60947-5-1<br>300 V degree of pollution 3 conforming to CSA C22.2 No 14   |
| Resistance across terminals            | < 25 mOhm conforming to IEC 60255-7 category 3   |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60664<br>4 kV conforming to IEC 60947-1   |
| Short circuit protection               | 6 A cartridge fuse gG  |
| Electrical durability                  | 5000000 cycles, DC-13 120 V, 1 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, 3 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, 2 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width                                  | 30 mm  |
| Height                                 | 50 mm  |
| Depth                                  | 16 mm  |

## Environment

|                                     |             |
|-------------------------------------|-------------|
| Ambient air temperature for storage | -40...70 °C |
|-------------------------------------|-------------|

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 1001 - Schneider Electric declaration of conformity |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |