

# ZCMD21C12

limit switch body ZCMD - 1NC+1NO - silver - snap  
action - connection - M12



## 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                     | Fixed  |
| Associated head               | ZCE01<br>ZCE02<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 |
| Body material                 | Zamak  |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO  |
| Contact operation             | Snap action  |

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

|  |  |
|--|--|
| Product compatibility                        | XCMD   |
| Electrical connection                        | Male connector M12, 5 pins   |
| Contacts insulation form                     | Zb   |
| Contacts material                            | Silver plated contacts   |
| Positive opening                             | With   |
| Minimum actuation speed                      | 0.01 m/min   |
| [Ie] rated operational current               | 0.22 A at 50 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A<br>3 A at 50 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A  |
| [Ithe] conventional enclosed thermal current | 4 A  |
| [Ui] rated insulation voltage                | 60 V degree of pollution 3 conforming to IEC 60947-5-1   |
| Resistance across terminals                  | < 25 mOhm conforming to IEC 60255-7 category 3   |
| [Uimp] rated impulse withstand voltage       | 0.8 kV conforming to IEC 60664<br>0.8 kV conforming to IEC 60947-1   |
| Short-circuit protection                     | 4 A by gG cartridge fuse   |
| Electrical durability                        | 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  | 1.18 in (30 mm)  |
| Height                                       | 1.97 in (50 mm)  |
| Depth  | 0.63 in (16 mm)  |
| Product weight                               | 0.14 lb(US) (0.065 kg)   |

## Environment

|                                     |                            |
|-------------------------------------|----------------------------|
| Ambient air temperature for storage | -40...158 °F (-40...70 °C) |
|-------------------------------------|----------------------------|

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant<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 environmental profile    | Available<br><a href="#">Product Environmental Profile</a>   |
| Product end of life instructions | Need no specific recycling operations<br><a href="#">End of Life Information</a>                                       |

## Contractual warranty

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