

# ZCMD21

limit switch body ZCMD - 1NO+1NC - 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   |
| Product compatibility         | XCMD   |
| 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 |
| Electrical connection         | Plug-in without pre-cabled connection  |
| Number of poles               | 2  |
| Contacts type and composition | 1 NO + 1 NC  |
| Contacts operation            | Snap action  |
| Contacts material             | Silver plated contacts   |
| Positive opening              | With   |

## Complementary

|  |   |
|--|---|
| Associated connection component        | ZCMC21L1<br>ZCMC21L10<br>ZCMC21L2<br>ZCMC21L3<br>ZCMC21L5<br>ZCMC21L7   |
| Body material                          | Zamak   |
| Contacts insulation form               | Zb  |
| Minimum actuation speed                | 0.01 m/min  |
| Contact code designation               | AC-15 B300 240 V conforming to EN/IEC 60947-5-1 appendix A<br>DC-13 R300 250 V conforming to EN/IEC 60947-5-1 appendix A  |
| [Ui] rated insulation voltage          | 300 V 3 degree pollution conforming to UL 508<br>300 V 3 degree pollution conforming to CSA C22-2 No 14<br>400 V 3 degree pollution conforming to IEC 60947-5-1 |
| Resistance across terminals            | < 25 mOhm conforming to IEC 60255-7 category 3  |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-1<br>4 kV conforming to IEC 60664  |

|                          |   |
|--------------------------|---|
| Short circuit protection | 6 A with fuse gG cartridge  |
| Electrical durability    | 5000000 cycles DC-13, 24 V 3 W, < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>5000000 cycles DC-13, 48 V 2 W, < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>5000000 cycles DC-13, 120 V 1 W, < 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 operation | -25...70 °C       |
| Ambient air temperature for storage   | -40...70 °C       |
| RoHS EUR conformity date              | 4Q2009            |
| RoHS EUR status                       | Will be compliant |