

# ZCMD39L2

limit switch body ZCMD - 2NC+1NO - silver -  
snap action - connection - 2 m



## 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               | 3                                                                                                                                                                                                                    |
| Contacts type and composition | 2 NC + 1 NO                                                                                                                                                                                                          |
| Contacts operation            | Snap action                                                                                                                                                                                                          |

## Complementary

|                                        |                                                                                                                                                                          |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility                  | XCMD                                                                                                                                                                     |
| Electrical connection                  | Removable cable                                                                                                                                                          |
| Cable length                           | 2 m                                                                                                                                                                      |
| Cable composition                      | 7 x 0.5 mm <sup>2</sup>                                                                                                                                                  |
| Wire insulation material               | PvR                                                                                                                                                                      |
| Contacts insulation form               | Zb                                                                                                                                                                       |
| Contacts material                      | Silver plated contacts                                                                                                                                                   |
| 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-13 250 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 CSA C22-2 No 14<br>300 V degree of pollution 3 conforming to UL 508<br>400 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 | 4 kV conforming to IEC 60664<br>4 kV conforming to IEC 60947-1                                                                                                           |

|                          |                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short circuit protection | 6 A by gG cartridge fuse                                                                                                                                                                                                                                                                                                                                                          |
| Electrical durability    | 5000000 cycles, DC-13 120 V, 1 W, operating rate: < 60 cyc/mn, load factor: 0.5<br>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<br>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<br>conforming to IEC 60947-5-1 appendix C |
| Width                    | 30 mm                                                                                                                                                                                                                                                                                                                                                                             |
| Height                   | 50 mm                                                                                                                                                                                                                                                                                                                                                                             |
| Depth                    | 16 mm                                                                                                                                                                                                                                                                                                                                                                             |
| Product weight           | 0.065 kg                                                                                                                                                                                                                                                                                                                                                                          |

## Environment

|                                     |             |
|-------------------------------------|-------------|
| Ambient air temperature for storage | -40...70 °C |
| RoHS EUR status                     | Compliant   |
| RoHS EUR conformity date            | 1001        |