

## ZCMD4DL1

Limit switch body, Limit switches XC Standard, ZCMD, 2NC+2 NO, silver, snap action, connection, 1 m



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Telemecanique Limit switches XC Standard   |
| Series name                   | Standard format  |
| Product or component type     | Limit switch body  |
| Device short name             | ZCMD   |
| Design                        | Miniature  |
| Body type                     | Fixed  |
| Associated head               | ZCE66<br>ZCEF0<br>ZCEF2<br>ZCE08<br>ZCE21<br>ZCE63<br>ZCE29<br>ZCE13<br>ZCE01<br>ZCEG1<br>ZCE62<br>ZCE28<br>ZCE11<br>ZCE27<br>ZCE65<br>ZCE64<br>ZCE14<br>ZCE10<br>ZCE09<br>ZCE06<br>ZCE67<br>ZCE02<br>ZCE24<br>ZCE07 |
| Body material                 | Zamak  |
| Number of poles               | 4  |
| Contacts type and composition | 2 NC + 2 NO  |
| Contact operation             | Snap action  |

## Complementary

|   |   |
|---|---|
| Product compatibility                   | XCMD  |
| Electrical connection                   | Removable cable   |
| Cable length                            | 1 m   |
| Cable composition                       | 9 x 0.34 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  |
| [Ui] rated insulation voltage           | 300 V (pollution degree 3) conforming to UL 508<br>400 V (pollution degree 3) conforming to IEC 60947-5-1<br>300 V (pollution degree 3) conforming to CSA C22.2 No 14 |
| Maximum resistance across terminals     | 25 mOhm conforming to IEC 60255-7 category 3  |
| [Uiimp] 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, type gG   |

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 risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TMSS Holding 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 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<br>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 |
| Width                 | 30 mm  |
| Height                | 51 mm  |
| Depth                 | 16 mm  |
| Net weight            | 0.065 kg   |

## Environment

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

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 5.1 cm   |
| Package 1 Width              | 1.6 cm   |
| Package 1 Length             | 3.0 cm   |
| Package 1 Weight             | 160.0 g  |
| Unit Type of Package 2       | P06      |
| Number of Units in Package 2 | 480      |
| Package 2 Height             | 70.0 cm  |
| Package 2 Width              | 60.0 cm  |
| Package 2 Length             | 80.0 cm  |
| Package 2 Weight             | 86.28 kg |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 60       |
| Package 3 Height             | 30.0 cm  |
| Package 3 Width              | 30.0 cm  |
| Package 3 Length             | 40.0 cm  |
| Package 3 Weight             | 10.16 kg |

## Offer Sustainability

|  |   |
|--|---|
| Sustainable offer status                   | Green Premium product   |
| Toxic heavy metal free                     | Yes   |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |