

Limit switch body, Limit switches XC Standard,  
ZCMD, 1NC+1 NO, silver, slow break



## 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                     | Plug-in body                                                                                                                                                                                                                           |
| Associated head               | ZCE66<br>ZCE28<br>ZCEG1<br>ZCE02<br>ZCE01<br>ZCE27<br>ZCE13<br>ZCE11<br>ZCE64<br>ZCEH0<br>ZCE62<br>ZCE14<br>ZCE06<br>ZCE65<br>ZCE05<br>ZCE29<br>ZCE67<br>ZCEH2<br>ZCE07<br>ZCE08<br>ZCEF0<br>ZCE24<br>ZCEF2<br>ZCE10<br>ZCE21<br>ZCE63 |
| Body material                 | Zamak                                                                                                                                                                                                                                  |
| Number of poles               | 2                                                                                                                                                                                                                                      |
| Contacts type and composition | 1 NC + 1 NO                                                                                                                                                                                                                            |
| Contact operation             | Slow-break, break before make                                                                                                                                                                                                          |

## Complementary

|                                 |                                                                                                                                                             |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility           | XCMD                                                                                                                                                        |
| Associated connection component | ZCMC25E2<br>ZCMC25L1<br>ZCMC25E3<br>ZCMC25L7<br>ZCMC25L5<br>ZCMC25E10<br>ZCMC25E1<br>ZCMC25L10<br>ZCMC25E7<br>ZCMC25L2<br>ZCMC25E5<br>ZCMC25T06<br>ZCMC25L3 |
| Electrical connection           | Plug-in without pre-cabled connection                                                                                                                       |
| Contacts insulation form        | Zb                                                                                                                                                          |
| Contacts material               | Silver plated contacts                                                                                                                                      |
| Positive opening                | With                                                                                                                                                        |
| Minimum actuation speed         | 6 m/min                                                                                                                                                     |

|                                        |                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact code designation               | B300, AC-15 (Ue = 240 V), Ie = 1.5 A conforming to IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to IEC 60947-5-1 appendix A                                                                                                                                                                                                         |
| [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                                                                                                                                                                                                                                                                                                                       |
| [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, type gG                                                                                                                                                                                                                                                                                                                                        |
| Electrical durability                  | 5000000 Cycles, DC-13 120 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 24 V, 4 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, 3 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 |
|-------------------------------------|-------------|

## Packing Units

|                              |        |
|------------------------------|--------|
| Unit Type of Package 1       | PCE    |
| Number of Units in Package 1 | 1      |
| Package 1 Height             | 1.6 cm |
| Package 1 Width              | 5.3 cm |
| Package 1 Length             | 3.0 cm |
| Package 1 Weight             | 56.0 g |

## Offer Sustainability

|                                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status                   | Green Premium product                                                                                                                                                                                                                                                                                                                                                             |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: Diisononyl 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>                                                                                                                                                                                                                                                                                                    |

## Contractual warranty

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