

# ZCMV29D44

limit switch body ZCMD - 2NC - silver - snap  
action - connection DT04 4P



## 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               | ZCE29<br>ZCE02<br>ZCE06<br>ZCE62<br>ZCE09<br>ZCE13<br>ZCE67<br>ZCE10<br>ZCE14<br>ZCE07<br>ZCE08<br>ZCE65<br>ZCEG1<br>ZCEF0<br>ZCE24<br>ZCE11<br>ZCE27<br>ZCE64<br>ZCEF2<br>ZCE28<br>ZCE66<br>ZCE01<br>ZCE63<br>ZCE21<br>ZCE106<br>ZCE016<br>ZCE026 |
| Body material                 | Zamak                                                                                                                                                                                                                                              |
| Number of poles               | 2                                                                                                                                                                                                                                                  |
| Contacts type and composition | 2 NC                                                                                                                                                                                                                                               |
| Contact operation             | Snap action                                                                                                                                                                                                                                        |

## Complementary

|                                              |                                                                                                                                                                    |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility                        | XCMD                                                                                                                                                               |
| Electrical connection                        | Male connector DT04-4P, 4 pins                                                                                                                                     |
| Contacts insulation form                     | Zb                                                                                                                                                                 |
| Contacts material                            | Silver plated contacts                                                                                                                                             |
| Positive opening                             | Without                                                                                                                                                            |
| Minimum actuation speed                      | 0.01 m/min                                                                                                                                                         |
| [Ie] rated operational current               | 1 A at 24 V, DC-13 conforming to IEC 60947-5-1 appendix A<br>3 A at 24 V, AC-14 conforming to IEC 61131-2 Type 1                                                   |
| [Ithe] conventional enclosed thermal current | 4 A                                                                                                                                                                |
| [Ui] rated insulation voltage                | 24 V (pollution degree 3) conforming to UL 508<br>24 V (pollution degree 3) conforming to CSA C22.2 No 14<br>24 V (pollution degree 3) conforming to IEC 60947-5-1 |
| Maximum resistance across terminals          | 25 mOhm conforming to IEC 60255-7 category 3                                                                                                                       |
| [Uimp] rated impulse withstand voltage       | 800 V conforming to IEC 60664                                                                                                                                      |
| Short-circuit protection                     | 6 A cartridge fuse, type gG                                                                                                                                        |

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| 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 |
| Width                 | 30 mm                                                                                                               |
| Height                | 66 mm                                                                                                               |
| Depth                 | 21 mm                                                                                                               |
| Net weight            | 0.065 kg                                                                                                            |

## Environment

|                                       |             |
|---------------------------------------|-------------|
| Ambient air temperature for operation | -40...70 °C |
| 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             | 3 cm   |
| Package 1 Width              | 7 cm   |
| Package 1 Length             | 17 cm  |
| Package 1 Weight             | 92 g   |
| Unit Type of Package 2       | S02    |
| Number of Units in Package 2 | 50     |
| Package 2 Height             | 15 cm  |
| Package 2 Width              | 30 cm  |
| Package 2 Length             | 40 cm  |
| Package 2 Weight             | 4.6 kg |

## 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>                                                                                                                                                                                                                                                                                                    |