



## 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 | 1 NC + 1 NO  |
| 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 24 V, DC-13 EN/IEC 60947-5-1 appendix A<br>3 A 24 V, AC-14 IEC 61131-2 Type 1 |
| [Ithe] conventional enclosed thermal current | 6 A   |
| [Ui] rated insulation voltage                | 24 V 3)UL 508<br>24 V 3)CSA C22.2 No 14<br>24 V 3)IEC 60947-5-1                   |
| Maximum resistance across terminals          | 25 mOhm IEC 60255-7 category 3  |
| [Uimp] rated impulse withstand voltage       | 800 V IEC 60664   |
| Short-circuit protection                     | 6 A cartridge fuse gG   |

|                       |  |
|-----------------------|--|
| Electrical durability | 5000000 cycles, DC-13 24 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Width                 | 1.18 in (30 mm)  |
| Height                | 2.60 in (66 mm)  |
| Depth                 | 0.83 in (21 mm)  |
| Net Weight            | 0.14 lb(US) (0.065 kg)   |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Ambient air temperature for operation | -40...158 °F (-40...70 °C) |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C) |

## Ordering and shipping details

|                       |                                    |
|-----------------------|------------------------------------|
| Category              | 22413-LIMIT SWITCH, IEC, MINIATURE |
| Discount Schedule     | T                                  |
| GTIN                  | 3389119643139                      |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 3.25 oz (92.0 g)                   |
| Returnability         | No                                 |
| Country of origin     | ID                                 |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 2.80 in (7.1 cm)        |
| Package 1 width              | 2.05 in (5.2 cm)        |
| Package 1 Length             | 0.67 in (1.7 cm)        |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 50                      |
| Package 2 Weight             | 10.77 lb(US) (4.885 kg) |
| Package 2 Height             | 5.91 in (15 cm)         |
| Package 2 width              | 11.81 in (30 cm)        |
| Package 2 Length             | 15.75 in (40 cm)        |

## 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> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |