



## Main

|                               |  |
|-------------------------------|--|
| Range of Product              | Telemecanique Limit switches XC Standard   |
| Series name                   | Standard compact   |
| Product or Component Type     | Limit switch body  |
| Device short name             | ZCD  |
| Design                        | Compact  |
| Body type                     | Fixed  |
| Associated head               | ZCE65<br>ZCE02<br>ZCE27<br>ZCE14<br>ZCE06<br>ZCE66<br>ZCE63<br>ZCE21<br>ZCE13<br>ZCE05<br>ZCE28<br>ZCE01<br>ZCE64<br>ZCE11<br>ZCE10<br>ZCEH2<br>ZCE62<br>ZCE08<br>ZCE07<br>ZCE29<br>ZCE67<br>ZCEH0<br>ZCE24<br>ZCE09 |
| Body Material                 | Zamak  |
| Number of poles               | 3  |
| Contacts type and composition | 1 NC + 2 NO  |
| Contact operation             | Snap action  |

## Complementary

|  |   |
|--|---|
| Associated connection component        | ZCDEG11<br>ZCDEF12<br>ZCDEN12<br>ZCDEP16<br>ZCDEP20<br>ZCDEG13  |
| Electrical connection                  | Screw-clamp terminals 1 x 0.34...2 x 0.75 mm <sup>2</sup>   |
| Contacts insulation form               | Zb  |
| Contacts material                      | Silver plated contacts  |
| Positive opening                       | With  |
| Minimum actuation speed                | 0.03 ft/s (0.01 m/s)  |
| Contact code designation               | R300, DC-13 (U <sub>e</sub> = 250 V), I <sub>e</sub> = 0.1 A EN/IEC 60947-5-1 appendix A<br>C300, AC-15 (U <sub>e</sub> = 240 V), I <sub>e</sub> = 0.75 A EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage          | 300 VUL 508<br>300 VCSA C22.2 No 14<br>400 V 3)IEC 60947-1  |
| [Uimp] rated impulse withstand voltage | 4 kV IEC 60664<br>4 kV IEC 60947-1  |
| Short-circuit protection               | 6 A cartridge fuse gG   |

|                       |   |
|-----------------------|---|
| Electrical durability | 5000000 Cycles, DC-13 120 V, 2 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 Cycles, DC-13 24 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 48 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Width                 | 1.22 in (31 mm)   |
| Height                | 2.56 in (65 mm)   |
| Depth                 | 1.18 in (30 mm)   |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Product Compatibility                 | XCKD                       |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C) |

## Ordering and shipping details

|                       |                                  |
|-----------------------|----------------------------------|
| Category              | 22418-LIMIT SWITCH,IEC,XCKP&XCKT |
| Discount Schedule     | T                                |
| GTIN                  | 3389110185539                    |
| Nbr. of units in pkg. | 1                                |
| Package weight(Lbs)   | 4.90 oz (139.0 g)                |
| Returnability         | No                               |
| Country of origin     | FR                               |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 1.65 in (4.2 cm)       |
| Package 1 width              | 1.69 in (4.3 cm)       |
| Package 1 Length             | 3.07 in (7.8 cm)       |
| Unit Type of Package 2       | S01                    |
| Number of Units in Package 2 | 27                     |
| Package 2 Weight             | 9.00 lb(US) (4.084 kg) |
| Package 2 Height             | 5.91 in (15 cm)        |
| Package 2 width              | 5.91 in (15 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>   |

## Contractual warranty

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