

# ZCD21

limit switch body ZCD - compact - 1NC+1NO -  
snap action

Product availability : Stock - Normally stocked in distribution facility



## Main

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

|  |   |
|--|---|
| Contact operation                      | Snap action   |
| <b>Complementary</b>                   |   |
| Associated connection component        | ZCDEN12<br>ZCDEG13<br>ZCDEG11<br>ZCDEP16<br>ZCDEP20<br>ZCDEF12  |
| Electrical connection                  | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 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               | B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A  |
| [Ui] rated insulation voltage          | 300 V conforming to CSA C22.2 No 14<br>500 V degree of pollution 3 conforming to IEC 60947-1<br>300 V conforming to UL 508  |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60664<br>6 kV conforming to IEC 60947-1  |
| Short-circuit protection               | 10 A by gG cartridge fuse   |
| Electrical durability                  | 5000000 cycles, DC-13 120 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 24 V, 10 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, 7 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width                                  | 1.22 in (31 mm)   |
| Height                                 | 2.56 in (65 mm)   |
| Depth                                  | 1.18 in (30 mm)   |
| Terminals description ISO n°1          | (21-22)NC<br>(13-14)NO  |
| Device presentation                    | Basic element   |
| Compatibility code                     | ZCD   |

## 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                  | 00785901290438                     |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 0.800000000000000004               |
| Returnability         | Y                                  |
| Country of origin     | FR                                 |

## Offer Sustainability

|                          |   |
|--------------------------|---|
| Sustainable offer status | Green Premium product   |
| RoHS (date code: YYWW)   | Compliant - since 0928 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                    | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |

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| Product end of life instructions | Need no specific recycling operations |
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### Contractual warranty

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| Warranty period | 18 months |
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