

# ZCP21

Limit Switch, ZCP, compact body, 1 NC and 1 NO, 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             | ZCP                                                                                                                                                                                                                  |
| Design                        | Compact                                                                                                                                                                                                              |
| Body type                     | Fixed                                                                                                                                                                                                                |
| Associated head               | ZCE01<br>ZCE02<br>ZCE05<br>ZCE06<br>ZCE07<br>ZCE08<br>ZCE09<br>ZCE10<br>ZCE11<br>ZCE13<br>ZCE14<br>ZCE21<br>ZCE24<br>ZCE27<br>ZCE28<br>ZCE29<br>ZCE62<br>ZCE63<br>ZCE64<br>ZCE65<br>ZCE66<br>ZCE67<br>ZCEH0<br>ZCEH2 |
| Body material                 | Plastic                                                                                                                                                                                                              |
| Number of poles               | 2                                                                                                                                                                                                                    |
| Contacts type and composition | 1 NC + 1 NO                                                                                                                                                                                                          |
| Contact operation             | Snap action                                                                                                                                                                                                          |

## Complementary

|                                 |                                                                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Associated connection component | ZCPEF12<br>ZCPEG11<br>ZCPEG13<br>ZCPEN12<br>ZCPEP16<br>ZCPEP20                                                                                                   |
| 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)                                                                                                                                                                                                                                                                                                                                                           |
| Product weight                         | 0.15 lb(US) (0.07 kg)                                                                                                                                                                                                                                                                                                                                                     |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Product compatibility                 | XCKP                       |
| 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                  | 00785901290384                     |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 5.999999999999998E-2               |
| Returnability         | Y                                  |
| Country of origin     | ID                                 |

## Offer Sustainability

|                            |                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                              |
| RoHS (date code: YYWW)     | Compliant - since 1002 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                      | Reference not containing SVHC above the threshold                                                                                  |
| California proposition 65  | WARNING: This product can expose you to chemicals including:                                                                       |
| - - - - - Substance 1      | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                        |
| - - - - - Substance 2      | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.         |
| - - - - - More information | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                      |

## Contractual warranty

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

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