

# ZCP21

Limit switch body, Limit switches XC Standard, ZCP, compact, 1NC+1 NO, snap action



## Main

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                   |             |
|-------------------|-------------|
| Contact operation | Snap action |
|-------------------|-------------|

## Complementary

|   |   |
|---|---|
| Associated connection component                     | ZCPEP20<br>ZCPEN12<br>ZCPEF12<br>ZCPEG11<br>ZCPEP16<br>ZCPEG13  |
| 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                             | 0.01 m/s  |
| Contact code designation                            | B300, AC-15 (U <sub>e</sub> = 240 V), I <sub>e</sub> = 1.5 A conforming to EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (U <sub>e</sub> = 250 V), I <sub>e</sub> = 0.1 A conforming to EN/IEC 60947-5-1 appendix A  |
| [U <sub>i</sub> ] rated insulation voltage          | 300 V conforming to UL 508<br>500 V (pollution degree 3) conforming to IEC 60947-1<br>300 V conforming to CSA C22.2 No 14   |
| [U <sub>imp</sub> ] rated impulse withstand voltage | IEC 60664 6 kV<br>IEC 60947-1 6 kV  |
| Short-circuit protection                            | 10 A cartridge fuse, type gG  |
| 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   | 31 mm   |
| Height  | 65 mm   |
| Depth   | 30 mm   |
| Net weight  | 0.07 kg   |

## Environment

|                                       |             |
|---------------------------------------|-------------|
| Product compatibility                 | XCKP        |
| Ambient air temperature for operation | -25...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 Weight             | 62 g      |
| Package 1 Height             | 4.2 cm    |
| Package 1 width              | 4.3 cm    |
| Package 1 Length             | 7.7 cm    |
| Unit Type of Package 2       | S02       |
| Number of Units in Package 2 | 81        |
| Package 2 Weight             | 5.42 kg   |
| Package 2 Height             | 15 cm     |
| Package 2 width              | 30 cm     |
| Package 2 Length             | 40 cm     |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 1296      |
| Package 3 Weight             | 96.132 kg |
| Package 3 Height             | 77 cm     |
| Package 3 width              | 60 cm     |

|                  |       |
|------------------|-------|
| Package 3 Length | 80 cm |
|------------------|-------|

### Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><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>   |
| 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> |

### Contractual warranty

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