



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Telemecanique Limit switches XC Standard   |
| Series name                   | Standard format  |
| Product or component type     | Limit switch body  |
| Device short name             | ZCKJ   |
| Body type                     | Fixed  |
| Product compatibility         | XCKJ   |
| Associated head               | ZCKE63<br>ZCKE619<br>ZCKE62<br>ZCKE08<br>ZCKE21<br>ZCKE06<br>ZCKE05<br>ZCKE65<br>ZCKE67<br>ZCKE66<br>ZCKE629<br>ZCKE61<br>ZCKE64<br>ZCKE23 |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for M20 x 1.5 cable gland   |
| Number of poles               | 2  |
| Contacts type and composition | 2 C/O  |
| Contact operation             | Snap action  |
| Number of steps               | 1 1 position   |
| Contacts material             | Silver plated contacts   |

## Complementary

|               |         |
|---------------|---------|
| Local display | Without |
|---------------|---------|

|  |   |
|--|---|
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.75...2 x 1.5 mm <sup>2</sup>  |
| Positive opening                             | Without   |
| Minimum actuation speed                      | 0.01 m/min  |
| [Ie] rated operational current               | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A<br>0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A   |
| [Ithe] conventional enclosed thermal current | 10 A  |
| [Ui] rated insulation voltage                | 500 V (pollution degree 3) conforming to IEC 60947-1 for contact block<br>300 V conforming to CSA C22.2 No 14 for contact block<br>300 V conforming to UL 508 for contact block   |
| Maximum resistance across terminals          | 0.25 mOhm conforming to IEC 60255-7 category 3  |
| [Uimp] rated impulse withstand voltage       | 6 kV IEC 60664<br>6 kV IEC 60947-1  |
| 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  | 40 mm   |
| Height                                       | 102 mm  |
| Depth  | 60 mm   |
| Net weight                                   | 0.455 kg  |
| Terminals description ISO n°1                | (21-22)NC<br>(13-14)NO<br>(11-12)NC<br>(23-24)NO  |

## Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| IP degree of protection               | IP66                            |
| IK degree of protection               | IK07                            |
| Ambient air temperature for operation | -40...70 °C for low temperature |
| Ambient air temperature for storage   | -40...70 °C                     |
| Environmental characteristic          | Low temperature                 |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.317 kg |
| Package 1 Height | 0.420 dm |
| Package 1 width  | 0.870 dm |
| Package 1 Length | 0.450 dm |

## 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>   |

## Contractual warranty

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