

Limit switch body, Limit switches XC Standard,  
ZCKJ, fixed, w/o display, 2C/O, snap action,  
Pg13



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               | ZCKE23<br>ZCKE66<br>ZCKE67<br>ZCKE629<br>ZCKE62<br>ZCKE61<br>ZCKE619<br>ZCKE05<br>ZCKE21 |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for Pg 13.5 cable gland   |
| Number of poles               | 2  |
| Contacts type and composition | 2 C/O  |
| Contact operation             | Snap action  |
| Number of steps               | 2 sequential   |
| 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 conforming to IEC 60664<br>6 kV conforming to IEC 60947-1   |
| Short-circuit protection                     | 10 A cartridge fuse, type gG   |
| Electrical durability                        | 5000000 Cycles, DC-13 120 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5<br>conforming to IEC 60947-5-1 appendix C<br>5000000 Cycles, DC-13 24 V, 13 W, operating rate <60 cyc/mn, load factor: 0.5<br>conforming to IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 48 V, 9 W, operating rate <60 cyc/mn, load factor: 0.5<br>conforming to IEC 60947-5-1 appendix C |
| Electrical circuit type                      | Indicator light module 2 LED DC, 24 V (20...30 V) service life: 100000 h with reverse polarity protection  |
| Width  | 40 mm  |
| Height                                       | 77 mm  |
| Depth  | 44 mm  |

|                               |                        |
|-------------------------------|------------------------|
| Net weight                    | 0.32 kg                |
| Terminals description ISO n°1 | (21-22)NC<br>(13-14)NO |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| IP degree of protection               | IP66                                 |
| IK degree of protection               | IK07                                 |
| Ambient air temperature for operation | -25...70 °C for standard environment |
| Ambient air temperature for storage   | -40...70 °C                          |
| Environmental characteristic          | Standard environment                 |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

## Offer Sustainability

|  |   |
|--|---|
| Sustainable offer status                   | Green Premium product   |
| Circularity Profile                        | No need of specific recycling operations  |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: Diisobutyl 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> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |

## Contractual warranty

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