

# ZCKJ4104

Limit switch body with spring return rotary head, Limit switches XC Standard, ZCKJ, w/o lever, plug in, 2C/O, snap, Pg13



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | Telemecanique Limit switches XC Standard              |
| Series name                   | Standard format                                       |
| Product or component type     | Limit switch body with spring return rotary head type |
| Device short name             | ZCKJ  |
| Body type                     | Plug-in body  |
| Product compatibility         | XCKJ  |
| 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 3 positions   |
| Contacts material             | Silver plated contacts                                |

## Complementary

|  |   |
|--|---|
| Switch actuation                             | From left and right   |
| 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, 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  | 43 mm   |
| Height                                       | 109 mm  |
| Depth  | 60 mm   |
| Net weight                                   | 0.465 kg  |
| Terminals description ISO n°1                | (11-12)NC<br>(21-22)NC<br>(13-14)NO<br>(23-24)NO  |

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## 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         |
| Package 1 Height             | 4.300 cm  |
| Package 1 Width              | 7.000 cm  |
| Package 1 Length             | 12.700 cm |
| Package 1 Weight             | 503.000 g |
| Unit Type of Package 2       | S01       |
| Number of Units in Package 2 | 9         |
| Package 2 Height             | 15.000 cm |
| Package 2 Width              | 15.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 4.735 kg  |

## 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: 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> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |

## Contractual warranty

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