

# ZCKJ215H29

Limit switch body, Limit switches XC Standard, ZCKJ, plug in, w/o display, 2C/O, snap action, M20



## 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                     | Plug-in body                                                                                                                               |
| Product compatibility         | XCKJ                                                                                                                                       |
| Associated head               | ZCKE66<br>ZCKE23<br>ZCKE62<br>ZCKE05<br>ZCKE63<br>ZCKE61<br>ZCKE619<br>ZCKE21<br>ZCKE06<br>ZCKE65<br>ZCKE08<br>ZCKE629<br>ZCKE67<br>ZCKE64 |
| 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 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                                        | 40 mm                                                                                                                                                                                                                                                                                                                                                               |
| Height                                       | 77 mm                                                                                                                                                                                                                                                                                                                                                               |

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Depth                         | 44 mm                                            |
| Net weight                    | 0.31 kg                                          |
| Terminals description ISO n°1 | (21-22)NC<br>(23-24)NO<br>(11-12)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<br>10...120 °C for high temperature<br>-40...70 °C for low temperature |
| Ambient air temperature for storage   | -40...120 °C                                                                                                |
| Environmental characteristic          | Low temperature<br>Standard environment<br>High temperature                                                 |

## Packing Units

|                              |        |
|------------------------------|--------|
| Unit Type of Package 1       | PCE    |
| Number of Units in Package 1 | 1      |
| Package 1 Height             | 7.7 cm |
| Package 1 Width              | 4 cm   |
| Package 1 Length             | 4.4 cm |
| Package 1 Weight             | 300 g  |

## Offer Sustainability

|                                            |                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Diisodecyl 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 |
|----------|-----------|