

Limit switch body, Limit switches XC Standard, ZC2J, fixed, without display, 2C/O, 10...120 °C



## Main

|                               |                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Telemecanique Limit switches XC Standard                                                                                                     |
| Series name                   | Standard format                                                                                                                              |
| Product or component type     | Limit switch body                                                                                                                            |
| Device short name             | ZC2J                                                                                                                                         |
| Body type                     | Fixed                                                                                                                                        |
| Product compatibility         | XC2J                                                                                                                                         |
| Associated head               | ZC2JE655<br>ZC2JE705<br>ZC2JE025<br>ZC2JE615<br>ZC2JE625<br>ZC2JE095<br>ZC2JE055<br>ZC2JE035<br>ZC2JE645<br>ZC2JE635<br>ZC2JE015<br>ZC2JE665 |
| Body material                 | Metal                                                                                                                                        |
| Cable entry                   | 1 tapped entry for Pg 13.5 cable gland (included)                                                                                            |
| 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 IEC 60947-5-1 appendix A<br>0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1 appendix A                                                                                                                                                                                                                             |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                                                                |
| [Ui] rated insulation voltage                | 500 V conforming to IEC 60947-1 for contact block<br>300 V conforming to CSA C22.2 No 14 for contact block                                                                                                                                                                                                                                                          |
| Maximum resistance across terminals          | 0.25 mOhm conforming to IEC 60255-7 category 3                                                                                                                                                                                                                                                                                                                      |
| 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                                       | 81 mm                                                                                                                                                                                                                                                                                                                                                               |
| Depth                                        | 41 mm                                                                                                                                                                                                                                                                                                                                                               |
| Net weight                                   | 0.355 kg                                                                                                                                                                                                                                                                                                                                                            |
| Terminals description ISO n°1                | (23-24)NO<br>(13-14)NO<br>(21-22)NC<br>(11-12)NC                                                                                                                                                                                                                                                                                                                    |

## Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| IP degree of protection               | IP65                            |
| IK degree of protection               | IK08                            |
| 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

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 5.000 cm  |
| Package 1 Width              | 5.000 cm  |
| Package 1 Length             | 9.500 cm  |
| Package 1 Weight             | 359.000 g |
| Unit Type of Package 2       | S01       |
| Number of Units in Package 2 | 14        |
| Package 2 Height             | 15 cm     |
| Package 2 Width              | 15 cm     |
| Package 2 Length             | 40 cm     |
| Package 2 Weight             | 5.215 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 |
|----------|-----------|