

# ZC2JC4H2

Limit switch body, Limit switches XC Standard, ZC2J, fixed, without display, 2C/O, M20



## 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               | ZC2JE07<br>ZC2JE81<br>ZC2JE04<br>ZC2JE82<br>ZC2JE85<br>ZC2JE83<br>ZC2JE06<br>ZC2JE84 |
| 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               | 2 3 positions<br>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 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  | 42 mm   |
| Height                                       | 81 mm   |
| Depth  | 41 mm   |
| Net weight                                   | 0.38 kg   |
| Terminals description ISO n°1                | (11-12)NC<br>(13-14)NO  |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| IP degree of protection               | IP65                                 |
| IK degree of protection               | IK08                                 |
| 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             | 8.1 cm  |
| Package 1 Width              | 4.0 cm  |
| Package 1 Length             | 4.1 cm  |
| Package 1 Weight             | 350.0 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 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>  |