# Product Datasheet
## Characteristic

# ZC2JE05H2
## LIMIT SWITCH HEAD

## Main

| | |
|---|---|
| range of product | OsiSense XC |
| series name | standard format |
| product or component type | limit switch body |
| device short name | ZC2J |
| body type | plug-in body |
| product compatibility | XC2J |
| associated head | ZC2JE04<br>ZC2JE06<br>ZC2JE07<br>ZC2JE81<br>ZC2JE82<br>ZC2JE83<br>ZC2JE84<br>ZC2JE85 |
| body material | metal |
| number of poles | 2 |
| contacts type and composition | 2 C/O |
| contacts 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 mm² |
| 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 contact block<br>300 V conforming to CSA C22.2 No 14 contact block |
| resistance across terminals | 0.25 mOhm |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60664<br>6 kV conforming to IEC 60947-1 |
| short circuit protection | 10 A by gG cartridge fuse |

| | |
|---|---|
| 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 | 1.69 in (43 mm) |
| height | 3.31 in (84 mm) |
| depth | 1.42 in (36 mm) |
| product weight | 0.66 lb(US) (0.3 kg) |
| terminals description ISO n°1 | (11-12)NC<br>(13-14)NO |

## Environment

| | |
|---|---|
| IP degree of protection | IP66 |
| IK degree of protection | IK07 |
| ambient air temperature for operation | 50...248 °F (10...120 °C) high temperature |
| ambient air temperature for storage | 50...248 °F (10...120 °C) |
| environmental characteristic | high temperature |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Will be Compliant on 3Q2013 |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |