# Product data sheet
## Characteristics

# ZCKJ41045H7
limit switch body ZCKJ - rotary head w/o lever - plug-in - 2C/O - snap - 1/2"NPT



## Main

| | |
|---|---|
| Range of product | OsiSense XC |
| Series name | Standard format |
| Product or component type | Limit switch body with spring return rotary head |
| Device short name | ZCKJ |
| Body type | Plug-in body |
| Product compatibility | XCKJ |
| Body material | Metal |
| Cable entry | 1 entry tapped for 1/2" NPT conduit |
| 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 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 | 300 V conforming to CSA C22.2 No 14 contact block<br>300 V conforming to UL 508 contact block<br>500 V degree of pollution 3 conforming to IEC 60947-1 contact block |
| 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 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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| | 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 | 84 mm |
| Depth | 36 mm |
| Product weight | 0.3 kg |
| Terminals description ISO n°1 | (11-12)NC<br>(13-14)NO<br>(21-22)NC<br>(23-24)NO |

## Environment

| | |
|---|---|
| IP degree of protection | IP66 |
| IK degree of protection | IK07 |
| Ambient air temperature for operation | 10...120 °C for high temperature |
| Ambient air temperature for storage | 10...120 °C |
| Environmental characteristic | High temperature |

## Offer Sustainability

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|---|---|
| RoHS (date code: YYWW) | Will not be compliant<br>Will not be compliant |
| REACh | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations |

## Contractual warranty

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