



Main

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| 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 ZC2JE06 ZC2JE07 ZC2JE81 ZC2JE82 ZC2JE83 ZC2JE84 ZC2JE85 |
| Body material | Metal |
| Number of poles | 2 |
| Contacts type and composition | 2 C/O |
| Contact operation | Snap action |
| Number of steps | 2 3 positions 2 sequential |
| Contacts material | Silver plated contacts |

Complementary

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| Local display | Without |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.75...2 x 1.5 mm ² |
| 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 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 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 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 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 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 (13-14)NO |

Environment

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

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|-------------------------------------|---------------------------|
| ambient air temperature for storage | 50...248 °F (10...120 °C) |
| environmental characteristic | High temperature |

Offer Sustainability

| | |
|--|--|
| Not Green Premium product | Not Green Premium product |
| Will not be Compliant | Will not be Compliant |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Need no specific recycling operations | Need no specific recycling operations |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | 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. | 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 www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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| Warranty period | 18 months |
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