



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 | Fixed |
| Product compatibility | XC2J |
| Associated head | ZC2JE01 ZC2JE02 ZC2JE03 ZC2JE05 ZC2JE09 ZC2JE61 ZC2JE62 ZC2JE63 ZC2JE64 ZC2JE65 ZC2JE66 ZC2JE70 |
| Body material | Metal |
| Cable entry | 1 tapped entry for Pg 13.5 cable gland (included) |
| Number of poles | 1 |
| Contacts type and composition | 1 C/O |
| Contacts operation | Snap action |
| Number of steps | 1 1 position |
| Contacts material | Silver plated contacts |

Complementary

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| Local display | Without |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm ² |
| Positive opening | Without |
| Minimum actuation speed | 0.01 m/min |
| [Ie] rated operational current | 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A 3 A at 240 V, AC-15, A300 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 500 V conforming to IEC 60947-1 contact block |
| Resistance across terminals | 0.25 mOhm conforming to IEC 60255-7 category 3 |
| Short circuit protection | 10 A by gG cartridge fuse |
| Electrical durability | 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 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-13 120 V, 4 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 |
| Product weight | 0.355 kg |
| Terminals description ISO n°1 | (11-12)NC (13-14)NO |

Environment

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|---------------------------------------|--------------------------------------|
| 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 |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1012 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Need no specific recycling operations |