



Main

| | |
|-------------------------------|--|
| Range of product | OsiSense XC |
| Series name | Standard format |
| Product or component type | Limit switch body |
| Device short name | ZCKL |
| Body type | Fixed |
| Product compatibility | XCKL |
| Associated head | ZCKD02 ZCKD05 ZCKD06 ZCKD08 ZCKD10 ZCKD109 ZCKD15 ZCKD16 ZCKD17 ZCKD21 ZCKD219 ZCKD23 ZCKD239 ZCKD41 ZCKD59 ZCKD81 ZCKD91 ZCKD029 |
| Body material | Metal |
| Cable entry | 1 tapped entry for Pg 13.5 cable gland (included) |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Slow-break, break before make |
| Number of steps | 1 1 position |
| Contacts material | Silver plated contacts |

Complementary

| | |
|---|---|
| Local display | Without |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm ² |
| Positive opening | With |
| Minimum actuation speed | 6 m/min |
| [I _e] 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 |
| [I _{th} e] conventional enclosed thermal current | 10 A |
| [U _i] rated insulation voltage | 300 V conforming to UL 508 contact block 500 V degree of pollution 3 conforming to IEC 60947-1 contact block 300 V conforming to CSA C22.2 No 14 contact block |
| Resistance across terminals | 0.25 mOhm conforming to IEC 60255-7 category 3 |
| [U _{imp}] 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, 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, 13 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width | 2.05 in (52 mm) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|-------------------------------|------------------------|
| Height | 2.83 in (72 mm) |
| Depth | 1.18 in (30 mm) |
| Product weight | 0.46 lb(US) (0.21 kg) |
| Terminals description ISO n°1 | (11-12)NC (21-22)NC |

Environment

| | |
|---------------------------------------|---|
| IP degree of protection | IP66 |
| IK degree of protection | IK05 |
| ambient air temperature for operation | -13...158 °F (-25...70 °C) standard environment |
| ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| environmental characteristic | Standard environment |

Offer Sustainability

| | |
|--|--|
| Green Premium product | Green Premium product |
| Compliant - since 1010 - Schneider Electric declaration of conformity | Compliant - since 1010 - Schneider Electric declaration of conformity |
| 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

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