



## Main

|                               |                                                                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | OsiSense XC                                                                                                                                                                        |
| Series name                   | Standard format                                                                                                                                                                    |
| Product or component type     | Limit switch body                                                                                                                                                                  |
| Device short name             | ZCKS                                                                                                                                                                               |
| Body type                     | Fixed                                                                                                                                                                              |
| Product compatibility         | XCKS                                                                                                                                                                               |
| Associated head               | ZCKD01<br>ZCKD019<br>ZCKD02<br>ZCKD05<br>ZCKD06<br>ZCKD08<br>ZCKD31<br>ZCKD33<br>ZCKD34<br>ZCKD39<br>ZCKD41<br>ZCKD49<br>ZCKD54<br>ZCKD55<br>ZCKD59<br>ZCKD81<br>ZCKD91<br>ZCKD029 |
| Body material                 | Plastic                                                                                                                                                                            |
| Cable entry                   | 1 entry tapped for Pg 13.5 cable gland                                                                                                                                             |
| Number of poles               | 2                                                                                                                                                                                  |
| Contacts type and composition | 2 C/O                                                                                                                                                                              |
| Contacts operation            | Snap action                                                                                                                                                                        |
| Number of steps               | 1 1 position                                                                                                                                                                       |
| Contacts material             | Silver plated contacts                                                                                                                                                             |

## Complementary

|                                              |                                                                                                                                                                      |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local display                                | Without                                                                                                                                                              |
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.75...2 x 1.5 mm <sup>2</sup>                                                                                         |
| 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 degree of pollution 3 conforming to IEC 60947-1 contact block<br>300 V conforming to CSA C22.2 No 14 contact block<br>300 V conforming to UL 508 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, 7 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, 13 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, 9 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width                         | 40 mm                                                                                                                                                                                                                                                                                                                                                                     |
| Height                        | 73 mm                                                                                                                                                                                                                                                                                                                                                                     |
| Depth                         | 36 mm                                                                                                                                                                                                                                                                                                                                                                     |
| Product weight                | 0.08 kg                                                                                                                                                                                                                                                                                                                                                                   |
| Terminals description ISO n°1 | (11-12)NC<br>(21-22)NC                                                                                                                                                                                                                                                                                                                                                    |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| IP degree of protection               | IP65                                 |
| IK degree of protection               | IK03                                 |
| 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

|                                  |                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                      |
| RoHS (date code: YYWW)           | Compliant - since 0903 - <a href="#">Schneider Electric declaration of conformity</a>                                                      |
| REACH                            | Reference not containing SVHC above the threshold                                                                                          |
| Product environmental profile    | Available  <a href="#">Download Product Environmental</a> |
| Product end of life instructions | Available  <a href="#">Download End Of Life Manual</a>    |