



## Main

|                               |                                                                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | OsiSense XC                                                                                                                                                                          |
| Series name                   | Standard format                                                                                                                                                                      |
| Product or component type     | Limit switch body                                                                                                                                                                    |
| Device short name             | ZCKM                                                                                                                                                                                 |
| Body type                     | Fixed                                                                                                                                                                                |
| Product compatibility         | XCKM                                                                                                                                                                                 |
| Associated head               | ZCKD02<br>ZCKD05<br>ZCKD06<br>ZCKD08<br>ZCKD10<br>ZCKD109<br>ZCKD15<br>ZCKD16<br>ZCKD17<br>ZCKD21<br>ZCKD219<br>ZCKD23<br>ZCKD239<br>ZCKD41<br>ZCKD59<br>ZCKD81<br>ZCKD91<br>ZCKD029 |
| Body material                 | Metal                                                                                                                                                                                |
| Cable entry                   | 3 entries tapped for M20 x 1.5 cable gland                                                                                                                                           |
| Number of poles               | 2                                                                                                                                                                                    |
| Contacts type and composition | 2 NC                                                                                                                                                                                 |
| Contact operation             | Slow-break, simultaneous                                                                                                                                                             |
| 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 <sup>2</sup>                                                                                                                                                                                                                                                                                              |
| Positive opening                                          | With                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum actuation speed                                   | 6 m/min                                                                                                                                                                                                                                                                                                                                                                  |
| [I <sub>e</sub> ] 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                                                                                                                                                                                                                            |
| [I <sub>th</sub> e] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                                                                     |
| [U <sub>i</sub> ] rated insulation voltage                | 300 V conforming to UL 508 contact block<br>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                                                                                                                                                                                                     |
| Resistance across terminals                               | 0.25 mOhm conforming to IEC 60255-7 category 3                                                                                                                                                                                                                                                                                                                           |
| [U <sub>imp</sub> ] rated impulse withstand voltage       | 4 kV conforming to IEC 60664<br>4 kV conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                           |
| Short-circuit protection                                  | 6 A by gG cartridge fuse                                                                                                                                                                                                                                                                                                                                                 |
| Electrical durability                                     | 5000000 cycles, DC-13 120 V, 1 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, 3 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, 2 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width                                                     | 2.52 in (64 mm)                                                                                                                                                                                                                                                                                                                                                          |

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|                               |                                     |
|-------------------------------|-------------------------------------|
| Height                        | 2.52 in (64 mm)                     |
| Depth                         | 1.18 in (30 mm)                     |
| Product weight                | 0.46 lb(US) (0.21 kg)               |
| Terminals description ISO n°1 | (13-14)NO<br>(31-32)NC<br>(33-34)NO |

## 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

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



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Электрон  
Связь**

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**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331