

## Main

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Range of product              | OsiSense XC                                   |
| Series name                   | Standard format                               |
| Product or component type     | Limit switch                                  |
| Device short name             | XCKP                                          |
| Sensor design                 | Compact form B conforming to CENELEC EN 50047 |
| Body type                     | Fixed                                         |
| Head type                     | Plunger head                                  |
| Material                      | Plastic                                       |
| Body material                 | Plastic                                       |
| Head material                 | Zamak                                         |
| Fixing mode                   | By the body                                   |
| Movement of operating head    | Linear                                        |
| Type of operator              | Spring return plunger metal                   |
| Type of approach              | Vertical approach 1 direction                 |
| Number of poles               | 2                                             |
| Contacts type and composition | 1 NC + 1 NO                                   |
| Contact operation             | Snap action                                   |

## Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch actuation                             | On end                                                                                                                                                                                                                                                                                                                                                                          |
| Contacts insulation form                     | Zb                                                                                                                                                                                                                                                                                                                                                                              |
| Positive opening                             | With                                                                                                                                                                                                                                                                                                                                                                            |
| Positive opening minimum force               | 45 N                                                                                                                                                                                                                                                                                                                                                                            |
| Minimum force for tripping                   | 15 N                                                                                                                                                                                                                                                                                                                                                                            |
| Minimum actuation speed                      | 0.01 m/min                                                                                                                                                                                                                                                                                                                                                                      |
| Maximum actuation speed                      | 1.64 ft/s (0.5 m/s)                                                                                                                                                                                                                                                                                                                                                             |
| Repeat accuracy                              | 0.1 mm on the tripping points with 1 million operating cycles                                                                                                                                                                                                                                                                                                                   |
| [Ie] rated operational current               | 0.27 A at 250 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A<br>3 A at 240 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A                                                                                                                                                                                                                                               |
| [Ithe] conventional enclosed thermal current | 3 A                                                                                                                                                                                                                                                                                                                                                                             |
| [Ui] rated insulation voltage                | 300 V conforming to UL 508<br>300 V conforming to CSA C22.2 No 14<br>250 V degree of pollution 3 conforming to IEC 60947-1                                                                                                                                                                                                                                                      |
| Resistance across terminals                  | <= 25 MOhm conforming to IEC 60255-7 category 3                                                                                                                                                                                                                                                                                                                                 |
| [Uimp] rated impulse withstand voltage       | 2.5 kV conforming to IEC 60947-1<br>2.5 kV conforming to IEC 60664                                                                                                                                                                                                                                                                                                              |
| Short-circuit protection                     | 4 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<br>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<br>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 |
| Mechanical durability                        | 15000000 cycles                                                                                                                                                                                                                                                                                                                                                                 |
| Width                                        | 1.22 in (31 mm)                                                                                                                                                                                                                                                                                                                                                                 |
| Height                                       | 2.56 in (65 mm)                                                                                                                                                                                                                                                                                                                                                                 |
| Depth                                        | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                                                                 |
| Product weight                               | 0.22 lb(US) (0.1 kg)                                                                                                                                                                                                                                                                                                                                                            |
| Terminals description ISO n°1                | (13-14)NO<br>(21-22)NC                                                                                                                                                                                                                                                                                                                                                          |

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## Environment

|                                       |                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------|
| shock resistance                      | 50 gn (duration = 11 ms) conforming to IEC 60068-2-27                                   |
| vibration resistance                  | 25 gn (f = 10...500 Hz) conforming to IEC 60068-2-6                                     |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67 conforming to IEC 60529                            |
| IK degree of protection               | IK04 conforming to EN 50102                                                             |
| electrical shock protection class     | Class II conforming to IEC 61140<br>Class II conforming to NF C 20-030                  |
| ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                              |
| ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                              |
| protective treatment                  | TC                                                                                      |
| product certifications                | CCC<br>CSA<br>UL                                                                        |
| standards                             | EN 60204-1<br>EN 60947-5-1<br>IEC 60204-1<br>IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14 |

## Offer Sustainability

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

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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Мы предлагаем:

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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