



### Principal

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Gama de producto              | OsiSense XC                                   |
| Series name                   | Standard format                               |
| Tipo de producto o componente | Limit switch                                  |
| Device short name             | XCKP                                          |
| Sensor design                 | Compact form C conforming to CENELEC EN 50047 |
| Body type                     | Fixed                                         |
| Head type                     | Plunger head                                  |
| Material                      | Plástico                                      |
| Body material                 | Plastic                                       |
| Head material                 | Zamak                                         |
| Modo de fijación              | By the body                                   |
| Movement of operating head    | Linear                                        |
| Type of operator              | Spring return roller plunger metal            |
| Type of approach              | Lateral approach 2 directions                 |
| Number of poles               | 2                                             |
| Contacts type and composition | 1 NC + 1 NO                                   |
| Contact operation             | Snap action                                   |

### Complementos

|                                        |                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch actuation                       | By 30° cam                                                                                                                                                                                                                                                                                                                                                                      |
| Electrical connection                  | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                    |
| Cable entry                            | 1 entry tapped for Pg 11 cable gland                                                                                                                                                                                                                                                                                                                                            |
| Contacts insulation form               | Zb                                                                                                                                                                                                                                                                                                                                                                              |
| Positive opening                       | With                                                                                                                                                                                                                                                                                                                                                                            |
| Positive opening minimum force         | 36 N                                                                                                                                                                                                                                                                                                                                                                            |
| Minimum force for tripping             | 12 N                                                                                                                                                                                                                                                                                                                                                                            |
| Maximum actuation speed                | 0.5 m/s                                                                                                                                                                                                                                                                                                                                                                         |
| Repeat accuracy                        | 0.1 mm on the tripping points with 1 million operating cycles                                                                                                                                                                                                                                                                                                                   |
| Contact code designation               | A300, AC-15 (Ue = 240 V, Ie = 3 A) , Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A<br>Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A                                                                                                                                                                                                   |
| [Ui] rated insulation voltage          | 300 V conforming to CSA C22.2 No 14<br>500 V degree of pollution 3 conforming to IEC 60947-1<br>300 V conforming to UL 508                                                                                                                                                                                                                                                      |
| Resistance across terminals            | <= 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                                                                                                                                                                                                                                                                                                                                                       |
| Durabilidad eléctrica                  | 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                  | 10000000 Ciclos                                                                                                                                                                                                                                                                                                                                                                 |
| Anchura                                | 31 mm                                                                                                                                                                                                                                                                                                                                                                           |

|                               |                        |
|-------------------------------|------------------------|
| Altura                        | 65 mm                  |
| Profundidad                   | 30 mm                  |
| Peso del producto             | 0.095 kg               |
| Terminals description ISO n°1 | (21-22)NC<br>(13-14)NO |

## Ambiente

|                                        |                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------|
| Shock resistance                       | 50 gn (duration = 11 ms) conforme a 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                  |
| Temperatura ambiente de trabajo        | -25...70 °C                                                                             |
| Temperatura ambiente de almacenamiento | -40...70 °C                                                                             |
| Protective treatment                   | TC                                                                                      |
| Certificaciones de producto            | UL<br>CCC<br>CSA                                                                        |
| Normas                                 | IEC 60947-5-1<br>EN 60947-5-1<br>UL 508<br>CSA C22.2 No 14<br>IEC 60204-1<br>EN 60204-1 |

## Oferta sustentable

|                          |                                                                                                                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product                                                                                                                                                                                                    |
| RoHS (date code: YYWW)   | Compliant - since 1002 - Schneider Electric declaration of conformity  <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                    | Reference not containing SVHC above the threshold                                                                                                                                                                        |

## Garantía contractual

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