

# XCKP2102G11

limit switch XCKP - steel roller plunger - 1NC  
+1NO - snap - Pg11

Product availability : Stock - Normally stocked in distribution facility



Price\* : 47.90 USD



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | OsiSense XC                                   |
| Series name                   | Standard format                               |
| Product or component type     | Limit switch                                  |
| Device short name             | XCKP  |
| Sensor design                 | Compact form C 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 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                                   |

## Complementary

|                                |  |
|--------------------------------|--|
| 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                | 1.64 ft/s (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   |
| 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                  | 10000000 cycles   |
| Width                                  | 1.22 in (31 mm)   |
| Height                                 | 2.56 in (65 mm)   |
| Depth                                  | 1.18 in (30 mm)   |
| Product weight                         | 0.21 lb(US) (0.095 kg)  |
| Terminals description ISO n°1          | (21-22)NC<br>(13-14)NO  |

## 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                | CSA<br>CCC<br>UL  |
| Standards                             | CSA C22.2 No 14<br>UL 508<br>EN 60947-5-1<br>IEC 60947-5-1<br>EN 60204-1<br>IEC 60204-1 |

## Ordering and shipping details

|                       |                                    |
|-----------------------|------------------------------------|
| Category              | 22418 - LIMIT SWITCH,IEC,XCKP&XCKT |
| Discount Schedule     | T                                  |
| GTIN                  | 00785901300045                     |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 0.17000000000000001                |
| Returnability         | Y                                  |
| Country of origin     | ID                                 |

## Offer Sustainability

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|--------------------------|---|
| Sustainable offer status | Green Premium product   |
| RoHS (date code: YYWW)   | Compliant - since 1002 - Schneider Electric declaration of conformity |

 Schneider Electric declaration of conformity

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REACH

Reference not containing SVHC above the threshold  
Reference not containing SVHC above the threshold

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### Contractual warranty

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Warranty period

18 months

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