

# XCKP2521G11

## limit switch XCKP - th.plastic roller lever plung. Hor - 1NC+1NO - slow - Pg11

Download your XCKP2521G11 datasheet

Green Premium

Characteristics | Dimensions Drawings | Mounting and Clearance | Connections and Schema | Technical Description | Documents & Downloads

### Main

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|---|---|
| **Range of product** | OsiSense XC |
| **Series name** | Standard format |
| **Product or component type** | Limit switch |
| **Device short name** | XCKP |
| **Sensor design** | Compact form E 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 lever plunger thermoplastic |
| **Type of approach** | Lateral approach 1 direction |
| **Number of poles** | 2 |
| **Contacts type and composition** | 1 NC + 1 NO |
| **Contacts operation** | Slow-break, break before make |

### Complementary

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| **Switch actuation** | By 30° cam |
| **Electrical connection** | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm² |
| **Cable entry** | 1 entry tapped for Pg 11 cable gland |
| **Contacts insulation form** | Zb |
| **Positive opening** | With |
| **Positive opening minimum force** | 18 N |
| **Minimum force for tripping** | 6 N |
| **Maximum actuation speed** | 1 m/s |
| **Repeat accuracy** | 0.1 mm on the tripping points with 1 million operating cycles |
| **Contact code designation** | Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A<br>A300, AC-15 (Ue = 240 V, Ie = 3 A) , Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A |
| **[Ui] rated insulation voltage** | 500 V degree of pollution 3 conforming to IEC 60947-1<br>300 V conforming to UL 508<br>300 V conforming to CSA C22.2 No 14 |
| **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 |

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| **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** | 15000000 cycles |
| **Width** | 31 mm |
| **Height** | 65 mm |
| **Depth** | 30 mm |
| **Product weight** | 0.105 kg |
| **Terminals description ISO n°1** | (13-14)NO<br>(21-22)NC |

## Environment

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| **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 |
| **Class of protection against electric shock** | Class II conforming to IEC 61140<br>Class II conforming to NF C 20-030 |
| **Ambient air temperature for operation** | -25...70 °C |
| **Ambient air temperature for storage** | -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

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|---|---|
| **Sustainable offer status** | Green Premium product |
| **RoHS (date code: YYWW)** | Compliant - since 1002 - Schneider Electric declaration of conformity |
| **REACh** | Reference not containing SVHC above the threshold |
| **Product environmental profile** | Available download Product environmental |
| **Product end of life instructions** | Available download End of life manual |

## Contractual warranty

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| **Period** | 18 months |