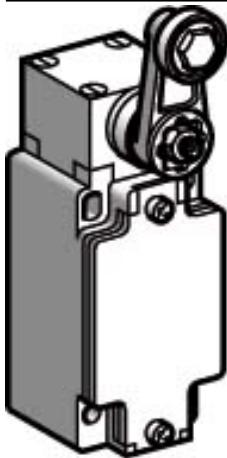


# Product data sheet

## Characteristics

### XCKJ10513

limit switch XCKJ - steel roller lever - 1NO  
+1NC - snap action - Pg13



#### Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch   |
| Device short name             | XCKJ   |
| Sensor design                 | Form A conforming to CENELEC EN 50041  |
| Body type                     | Fixed  |
| Head type                     | Rotary head  |
| Material                      | Metal  |
| Fixing mode                   | By the body  |
| Movement of operating head    | Rotary   |
| Type of operator              | Metal spring return roller lever   |
| Switch actuation              | By 30° cam   |
| Type of approach              | 1 or 2 programmable direction lateral approach                               |
| 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 13.5 cable gland, cable outer diameter: 9 - 12 mm      |
| Number of poles               | 2  |
| Contacts type and composition | 1 NO + 1 NC  |
| Contacts operation            | Snap action  |
| Positive opening              | With   |

#### Complementary

|                               |   |
|-------------------------------|---|
| Body material                 | Zamak   |
| Head material                 | Zamak   |
| Contacts insulation form      | Zb  |
| Number of steps               | 1   |
| Positive opening min torque   | 0.5 N.m   |
| Minimum torque for tripping   | 0.25 N.m  |
| Maximum actuation speed       | 1.5 m/s   |
| Contact code designation      | A300, AC-15 (Ue = 240 V, Ie = 3 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 |
| lthe cnvtl enclosed therm crt | 10 A, AC  |
| Ui rated insulation voltage   | 300 V conforming to CSA C22-2 No 14<br>300 V conforming to UL 508<br>500 V degree of pollution 3 conforming to IEC 60947-1                                      |
| Resistance across terminals   | <= 25 mOhm conforming to IEC 60255-7 category 3   |
| Uimp rated imp wstdvoltage    | 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 inductive load type , 120 V<br>5000000 cycles, DC-13 inductive load type , 24 V<br>5000000 cycles, DC-13 inductive load type , 48 V       |
| Mechanical durability         | 30000000 cycles   |
| Width                         | 40 mm   |
| Height                        | 77 mm   |
| Depth                         | 44 mm   |

|                    |         |
|--------------------|---------|
| Product weight     | 0.49 kg |
| CAD overall width  | 40 mm   |
| CAD overall height | 133 mm  |
| CAD overall depth  | 62 mm   |

Terminals description ISO nT<sup>1</sup>  
 (13-14)NO  
 (21-22)NC

## 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  |
| IK degree of protection        | IK07 conforming to EN 50102   |
| Class of prot agnst elec shock | Class I conforming to IEC 61140<br>Class I conforming to NF C 20-030  |
| Ambient air temp for op        | -25...70 °C   |
| Ambient air temp for storage   | -40...70 °C   |
| Protective treatment           | TC  |
| Product certifications         | CCC<br>CSA<br>UL  |
| Standards                      | CENELEC EN 50041<br>CSA C22-2 No 14<br>EN 60204-1<br>EN 60947-5-1<br>IEC 60204-1<br>IEC 60947-5-1<br>UL 508 |

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