



Product availability: Stock - Normally stocked in distribution facility

## Main

|                               |  |
|-------------------------------|--|
| Commercial Status             | Commercialised   |
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch   |
| Device short name             | XCKJ   |
| Sensor design                 | -  |
| Body type                     | Fixed  |
| Head type                     | Rotary head  |
| Material                      | Metal  |
| Body material                 | Zamak  |
| Head material                 | Zamak  |
| Fixing mode                   | By the body  |
| Movement of operating head    | Rotary   |
| Type of operator              | Spring return round rod lever metal (round rod 3 mm, L = 125 mm) |
| Type of approach              | Lateral approach 1 or 2 programmable direction                   |
| Cable entry                   | 1 entry tapped for 1/2" NPT cable gland                          |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO  |
| Contacts 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>   |
| Contacts insulation form                     | Zb   |
| Number of steps                              | 1  |
| Positive opening                             | Without  |
| Minimum torque for tripping                  | 2.21 lbf.in (0.25 N.m)   |
| Maximum actuation speed                      | 4.92 ft/s (1.5 m/s)  |
| [Ie] rated operational current               | 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A<br>3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A  |
| [Ithe] conventional enclosed thermal current | 10 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 60947-1<br>6 kV conforming to IEC 60664   |
| Short circuit protection                     | 10 A by gG cartridge fuse  |
| Electrical durability                        | 5000000 cycles, DC-13, inductive load type, 48 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13, inductive load type, 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, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |

|                               |                        |
|-------------------------------|------------------------|
| Mechanical durability         | 30000000 cycles        |
| Width                         | 1.57 in (40 mm)        |
| Height                        | 3.03 in (77 mm)        |
| Depth                         | 1.73 in (44 mm)        |
| Product weight                | 1.07 lb(US) (0.485 kg) |
| Terminals description ISO n°1 | (13-14)NO<br>(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 protection against electric shock | Conforming to NF C 20-030<br>Conforming to IEC 61140  |
| 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                                  | CENELEC EN 50041<br>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 |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ                   |
| Discount Schedule     | T   |
| GTIN                  | 00785901909057                                    |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 1.09  |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y   |
| Country of origin     | FR  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 1103 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Need no specific recycling operations   |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

# Mouser Electronics

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