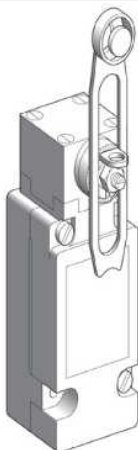




Product availability: Non-Stock - Not normally stocked in distribution facility



## 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                     | Plug-in body                                                                             |
| 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 roller lever thermoplastic (variable length)                               |
| Type of approach              | Lateral approach 1 or 2 programmable direction                                           |
| Cable entry                   | 1 entry tapped for Pg 13.5 cable gland, cable outer diameter: 0.35...0.47 in (9...12 mm) |
| Number of poles               | 1                                                                                        |
| Contacts type and composition | 1 C/O                                                                                    |
| Contacts operation            | Snap action                                                                              |

## Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch actuation                             | By 30° cam                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.75...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                         | 1.69 in (43 mm)        |
| Height                        | 3.31 in (84 mm)        |
| Depth                         | 1.42 in (36 mm)        |
| Product weight                | 1.07 lb(US) (0.485 kg) |
| Terminals description ISO n°1 | (11-12)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                                                                                |
| 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                  | 00785901093718                                            |
| Nbr. of units in pkg. | 1                                                         |
| Package weight(Lbs)   | 0.70                                                      |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N                                                         |
| 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 |
|--------|-----------|