

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



## 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  |
| Body material                 | Zamak  |
| Head material                 | Zamak  |
| Fixing mode                   | By the body  |
| Movement of operating head    | Rotary   |
| Type of operator              | Spring return roller lever metal   |
| Type of approach              | Lateral approach 1 or 2 programmable direction   |
| Cable entry                   | 1 entry tapped for M20 x 1.5 cable gland, cable outer diameter: 0.28...0.51 in (7...13 mm) |
| 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>   |
| Contacts insulation form                     | Zb   |
| Number of steps                              | 1  |
| Positive opening                             | With   |
| Positive opening minimum torque              | 4.42 lbf.in (0.5 N.m)  |
| 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               | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A<br>0.27 A at 250 V, DC-13, Q300 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 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, 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, 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, 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                | 1.08 lb(US) (0.49 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   |
| Overvoltage category                  | Class I conforming to NF C 20-030<br>Class I 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                  | 003389110471540                 |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 0                               |
| Returnability         | N                               |
| Country of origin     | FR                              |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant - since 1103 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product end of life instructions | Need no specific recycling operations  |
| California proposition 65        | WARNING: This product can expose you to chemicals including:   |
| ----- Substance 1                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and  |
| ----- Substance 2                | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.         |
| ----- More information           | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                      |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

# Mouser Electronics

Authorized Distributor

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