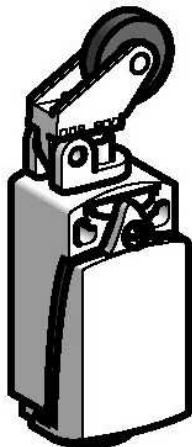


Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

|                               |  |
|-------------------------------|--|
| Commercial Status             | Commercialised                                   |
| Range of product              | OsiSense XC                                      |
| Series name                   | Standard format                                  |
| Product or component type     | Limit switch                                     |
| Device short name             | XCKD   |
| Sensor design                 | Compact  |
| Body type                     | Fixed  |
| Head type                     | Plunger head                                     |
| Material                      | Metal  |
| Body material                 | Zamak  |
| 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 or vertical approach 1 direction         |
| 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>   |
| 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                | 3.28 ft/s (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 IEC 60947-5-1 appendix A<br>Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN 60947-5-1<br>A300, AC-15 (Ue = 240 V, Ie = 3 A), Ithe = 10 A conforming to IEC 60947-5-1 appendix A<br>A300, AC-15 (Ue = 240 V, Ie = 3 A), Ithe = 10 A conforming to EN 60947-5-1 |
| [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 cartridge fuse gG   |

|                               |   |
|-------------------------------|---|
| Electrical durability         | 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<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, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability         | 15000000 cycles   |
| Width                         | 1.22 in (31 mm)   |
| Height                        | 2.56 in (65 mm)   |
| Depth                         | 1.18 in (30 mm)   |
| Product weight                | 0.43 lb(US) (0.195 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                                     |
| IK degree of protection                    | IK06 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                                  | 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              | 22418 - LIMIT SWITCH,IEC,XCKP&XCKT                        |
| Discount Schedule     | T   |
| GTIN                  | 003389110308617   |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.70  |
| Product availability  | Non-Stock - Not 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 |
|--------|-----------|

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