



### Main

|                               |  |
|-------------------------------|--|
| Range of Product              | Telemecanique Limit switches XC Standard |
| Series name                   | Standard format                          |
| Product or Component Type     | Limit switch                             |
| Device short name             | XCKD                                     |
| Sensor design                 | Compact form C CENELEC EN 50047          |
| 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 plunger metal       |
| Type of approach              | Lateral approach, 2 directions           |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO                              |
| Contact operation             | Slow-break, break before make            |

### Complementary

|  |  |
|--|--|
| Switch actuation                       | By 30° cam   |
| Electrical connection                  | Screw-clamp terminals 1 x 0.5...2 x 2.5 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         | 36 N   |
| Minimum force for tripping             | 12 N   |
| Maximum actuation speed                | 1.64 ft/s (0.5 m/s)  |
| Repeat accuracy                        | 0.1 mm on the tripping points with 1 million operating cycles  |
| Contact code designation               | A300, AC-15 (Ue = 240 V), Ie = 3 A 10 A EN 60947-5-1<br>A300, AC-15 (Ue = 240 V), Ie = 3 A 10 A IEC 60947-5-1 appendix A<br>Q300, DC-13 (Ue = 250 V), Ie = 0.27 A EN 60947-5-1<br>Q300, DC-13 (Ue = 250 V), Ie = 0.27 A IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage          | 300 VUL 508<br>500 V 3)IEC 60947-1<br>300 VCSA C22.2 No 14   |
| Maximum resistance across terminals    | 25 MOhm IEC 60255-7 category 3   |
| [Uimp] rated impulse withstand voltage | 6 KV IEC 60664<br>6 kV IEC 60947-1   |
| Short-circuit protection               | 10 A cartridge fuse gG   |
| Electrical durability                  | 5000000 Cycles, DC-13, 120 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 Cycles, DC-13, 24 V, 13 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13, 48 V, 9 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C                  |
| Mechanical durability                  | 10000000 cycles  |
| Width                                  | 1.22 in (31 mm)  |
| Height                                 | 2.56 in (65 mm)  |
| Depth                                  | 1.18 in (30 mm)  |

|                               |                        |
|-------------------------------|------------------------|
| Net Weight                    | 0.41 lb(US) (0.185 kg) |
| Terminals description ISO n°1 | (21-22)NC<br>(13-14)NO |

## Environment

|                                       |   |
|---------------------------------------|---|
| Shock resistance                      | 50 gn 11 ms IEC 60068-2-27  |
| Vibration resistance                  | 25 gn 10...500 Hz)IEC 60068-2-6   |
| IP degree of protection               | IP66IEC 60529<br>IP67IEC 60529  |
| IK degree of protection               | IK06 EN 50102   |
| Electrical shock protection class     | Class I IEC 61140<br>Class I NF C 20-030  |
| 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 60947-5-1<br>UL 508<br>EN 60204-1<br>IEC 60204-1<br>IEC 60947-5-1<br>CSA C22.2 No 14 |




## Ordering and shipping details

|                       |                                    |
|-----------------------|------------------------------------|
| Category              | 22418 - LIMIT SWITCH,IEC,XCKP&XCKT |
| Discount Schedule     | T                                  |
| GTIN                  | 3389119609012                      |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 5.78 oz (164 g)                    |
| Returnability         | No                                 |
| Country of origin     | ID                                 |

## Packing Units

|                        |                  |
|------------------------|------------------|
| Unit Type of Package 1 | PCE              |
| Package 1 Height       | 1.34 in (3.4 cm) |
| Package 1 width        | 1.50 in (3.8 cm) |
| Package 1 Length       | 3.86 in (9.8 cm) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information |  Yes   |

## Contractual warranty

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