

# XCKN2118G11

Limit switch, Limit switches XC Standard, XCKN, thermoplastic roller lever, 1NC+1 NO, snap, Pg11



## Galvenā

|                                |                                           |
|--------------------------------|-------------------------------------------|
| Produkta sērija                | Telemecanique Limit switches XC Standard  |
| Series name                    | Standard format                           |
| Produkta vai sastāvdaļas veids | Limit switch                              |
| Ierīces īsais nosaukums        | XCKN                                      |
| Sensor design                  | Compact form A                            |
| Body type                      | Fixed                                     |
| Head type                      | Rotary head                               |
| Materiāls                      | Plastmasas                                |
| Body material                  | Plastic                                   |
| Head material                  | Plastic                                   |
| Fiksācijas režīms              | By the body                               |
| Movement of operating head     | Rotary                                    |
| Type of operator               | Spring return roller lever termoplastisks |
| Type of approach               | Lateral approach, 2 directions            |
| Cable entry                    | 1 entry tapped for Pg 11 cable gland      |
| Polu skaits                    | 2                                         |
| Kontaktligzdas tips            | 1 NC + 1 NO                               |
| Contact operation              | Snap action                               |

## Papildinošs

|                                        |                                                                                                                                                                                                                                    |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tracks                                 | 24/40 mm                                                                                                                                                                                                                           |
| Switch actuation                       | By 30° cam                                                                                                                                                                                                                         |
| Electrical connection                  | Screw-clamp terminals 1 x 0.34...2 x 1.5 mm <sup>2</sup>                                                                                                                                                                           |
| Contacts insulation form               | Zb                                                                                                                                                                                                                                 |
| Positive opening                       | With                                                                                                                                                                                                                               |
| Positive opening minimum torque        | 0,15 N.m                                                                                                                                                                                                                           |
| Minimum torque for tripping            | 0,1 N.m                                                                                                                                                                                                                            |
| Maximum actuation speed                | 1,5 m/s                                                                                                                                                                                                                            |
| Contact code designation               | A300, AC-15 (Ue = 240 V), Ie = 3 A 10 A IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V), Ie = 0,1 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                                                                                                                                                                         |
| [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 Cikli, DC-13, 120 V, 4 W 60 cikls/mn 0,5 IEC 60947-5-1 appendix C<br>5000000 Cikli, DC-13, 24 V, 10 W 60 cikls/mn 0,5 IEC 60947-5-1 appendix C<br>5000000 cikli, DC-13, 48 V, 7 W 60 cikls/mn 0,5 IEC 60947-5-1 appendix C |
| Mehāniskā izturība                     | 10000000 cikli                                                                                                                                                                                                                     |
| Platums                                | 30 mm                                                                                                                                                                                                                              |
| Augstums                               | 108 mm                                                                                                                                                                                                                             |
| Dziļums                                | 44,5 mm                                                                                                                                                                                                                            |

|                               |                        |
|-------------------------------|------------------------|
| Neto svars                    | 0,175 kg               |
| Terminals description ISO n°1 | (21-22)NC<br>(13-14)NO |

## Vide

|                                          |                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------------|
| Shock resistance                         | 45 gn 11 ms IEC 60068-2-27                                                                |
| Vibration resistance                     | 25 gn 10...500 Hz)IEC 60068-2-6                                                           |
| IP aizsardzības pakāpe                   | IP65 atbilst IEC&nbsp;60529                                                               |
| Triecienizturības klase (IK)             | IK04 conforming to IEC&nbsp;62262                                                         |
| Overvoltage category                     | Class II IEC 61140<br>Class II NF C 20-030                                                |
| Apkārtējā gaisa temperatūra darbībai     | -25...70 °C                                                                               |
| Apkārtējā gaisa temperatūra uzglabāšanai | -40...70 °C                                                                               |
| Aizsargparklājumus                       | TC                                                                                        |
| Produkta sertifikācija                   | CSA[RETURN]UL[RETURN]CCC                                                                  |
| Standarti                                | IEC 60204-1<br>CSA C22.2 No 14<br>IEC 60204-1<br>IEC 60947-5-1<br>IEC 60947-5-1<br>UL 508 |

## Iepakojšanas vienības

|                                |           |
|--------------------------------|-----------|
| Pirmā iepakojuma vienības tips | PCE       |
| Vienību skaits 1. iepakojumā   | 1         |
| 1. iepakojuma augstums         | 11,0 cm   |
| 1. iepakojuma platums          | 16,0 cm   |
| 1. iepakojuma garums           | 31,0 cm   |
| 1. iepakojuma svars            | 88,0 g    |
| Otrā iepakojuma vienības tips  | BB1       |
| Vienību skaits 2. iepakojumā   | 20        |
| 2. iepakojuma augstums         | 11,0 cm   |
| 2. iepakojuma platums          | 16,0 cm   |
| 2. iepakojuma garums           | 31,0 cm   |
| 2. iepakojuma svars            | 1,77 kg   |
| Trešā iepakojuma vienības tips | P06       |
| Vienību skaits 3. iepakojumā   | 480       |
| 3. iepakojuma augstums         | 80,0 cm   |
| 3. iepakojuma platums          | 80,0 cm   |
| 3. iepakojuma garums           | 60,0 cm   |
| 3. iepakojuma svars            | 54,468 kg |

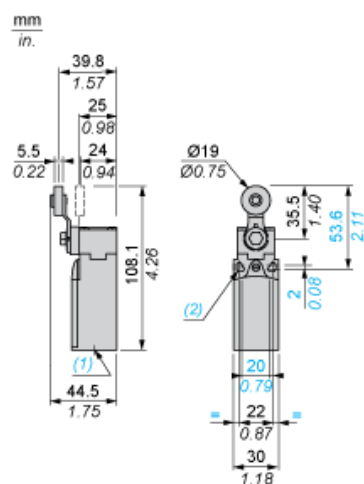
## Piedāvājiēt ilgtspēju

|                                 |                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------|
| Ilgtspējīgs piedāvājuma statuss | Green Premium izstrādājums                                                                            |
| REACH regula                    |  REACH Deklarācija |
| ES RoHS direktīva               | Proaktīva atbilstība (uz izstrādājumu neattiecas ES RoHS juridiskās saistības)                        |
| Nesatur dzīvsudrabu             | Jā                                                                                                    |
| Informācija par RoHS izņēmumiem |  Jā                |
| Cirkularitātes profils          | Nav jāveic īpašas darbības, lai nodotu otrreizējai pārstrādei                                         |

## Līguma garantija

|           |           |
|-----------|-----------|
| Garantija | 18 months |
|-----------|-----------|

## Dimensions



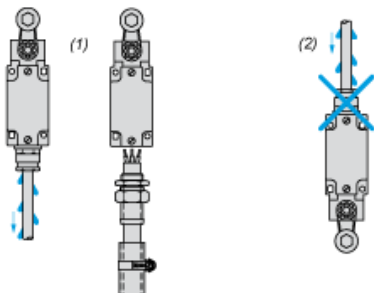
- (1) 1 tapped entry for Pg 11 cable gland
- (2) Ø: 2 elongated holes Ø 4.3 x 6.3 on 22 mm centres, 2 holes Ø 4.3 on 20 mm centres.

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## Mounting with Cable Entry

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### Position of Cable Gland



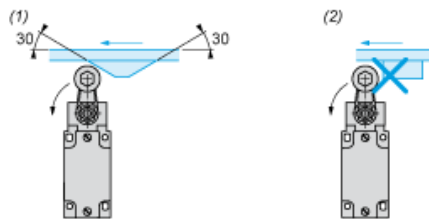
- (1) Recommended
- (2) To be avoided

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## Mounting with Rotary Heads and Levers

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### Type of Cam



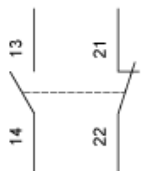
- (1) Recommended
- (2) To be avoided

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Wiring Diagram

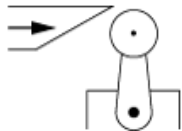
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2-pole NC + NO Snap Action

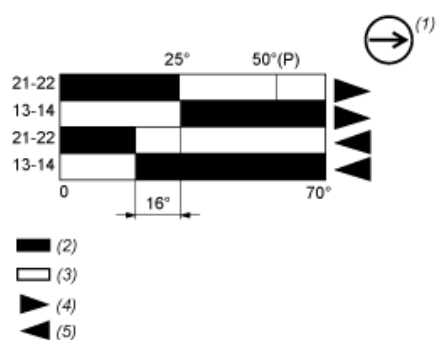


## Characteristics of Actuation

### Switch Actuation by 30° Cam



## Functionnal Diagram



- (P) Positive opening point  
 (1) NC contact with positive opening operation  
 (2) Closed  
 (3) Open  
 (4) Tripping  
 (5) Resetting