

# XCKN2118G11S26

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



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Telemecanique Limit switches XC Standard |
| Series name                   | Standard format                          |
| Product or component type     | Limit switch                             |
| Device short name             | XCKN                                     |
| Sensor design                 | Compact form A                           |
| Body type                     | Fixed                                    |
| Head type                     | Rotary head                              |
| Material                      | Plastic                                  |
| Body material                 | Plastic                                  |
| Head material                 | Plastic                                  |
| Fixing mode                   | By the body                              |
| Movement of operating head    | Rotary                                   |
| Type of operator              | Spring return roller lever thermoplastic |
| Type of approach              | Lateral approach, 2 directions           |
| Cable entry                   | 1 entry tapped for Pg 11 cable gland     |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO                              |
| Contact operation             | Snap action                              |

## Complementary

|  |  |
|--|--|
| Tracks                                 | 24/40 mm   |
| 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   |
| 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, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A  |
| [Ui] rated insulation voltage          | 300 V conforming to UL 508<br>500 V (pollution degree 3) conforming to IEC 60947-1<br>300 V conforming to CSA C22.2 No 14  |
| [Uimp] rated impulse withstand voltage | 6 KV conforming to IEC 60664<br>6 kV conforming to IEC 60947-1   |
| Short-circuit protection               | 10 A cartridge fuse, type gG   |
| Electrical durability                  | 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<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, 48 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability                  | 10000000 cycles  |
| Width                                  | 30 mm  |
| Height                                 | 108 mm   |

|                               |                        |
|-------------------------------|------------------------|
| Depth                         | 44.5 mm                |
| Net weight                    | 0.175 kg               |
| Terminals description ISO n°1 | (13-14)NO<br>(21-22)NC |

## Environment

|                                       |   |
|---------------------------------------|---|
| Shock resistance                      | 45 gn for 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               | IP65 conforming to IEC 60529  |
| IK degree of protection               | IK04 conforming to EN 50102   |
| Overvoltage category                  | Class II conforming to IEC 61140<br>Class II conforming to NF C 20-030                  |
| Ambient air temperature for operation | -25...70 °C   |
| Ambient air temperature for storage   | -40...70 °C   |
| Protective treatment                  | TC  |
| Product certifications                | UL[RETURN]CCC[RETURN]CSA  |
| Standards                             | IEC 60947-5-1<br>UL 508<br>EN 60204-1<br>IEC 60204-1<br>EN 60947-5-1<br>CSA C22.2 No 14 |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 11 cm    |
| Package 1 Width              | 16 cm    |
| Package 1 Length             | 31 cm    |
| Package 1 Weight             | 88 g     |
| Unit Type of Package 2       | CAR      |
| Number of Units in Package 2 | 20       |
| Package 2 Height             | 11 cm    |
| Package 2 Width              | 16 cm    |
| Package 2 Length             | 31 cm    |
| Package 2 Weight             | 1.772 kg |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 1        |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 801 g    |

## Offer Sustainability

|  |   |
|--|---|
| Sustainable offer status                   | Green Premium product   |
| Circularity Profile                        | No need of specific recycling operations  |
| 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> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |