

XCNT2521G11

limit switch XCNT - th.plastic roller lever plung.
Hor - 1NC+1NO - slow - Pg11



Main

| | |
|-------------------------------|--|
| Range of product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or component type | Limit switch |
| Device short name | XCNT |
| Sensor design | Compact |
| Body type | Fixed |
| Head type | Plunger head |
| Material | Plastic |
| Body material | Plastic |
| Head material | Plastic |
| Fixing mode | By the body |
| Movement of operating head | Linear |
| Type of operator | Spring return roller lever plunger thermoplastic |
| Type of approach | Lateral approach, 1 direction |
| Cable entry | 2 entries tapped for Pg 11 cable gland |
| 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 open terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ² |
| Contacts insulation form | Zb |
| Positive opening | With |
| Maximum actuation speed | 1 m/s |
| Contact code designation | A300, AC-15 (U _e = 240 V), I _e = 3 A, I _{the} = 10 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (U _e = 250 V), I _e = 0.1 A conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 V conforming to UL 508 500 V (pollution degree 3) conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | IEC 60664 6 kV IEC 60947-1 6 kV |
| Short-circuit protection | 10 A cartridge fuse, type gG |
| Mechanical durability | 10000000 cycles |
| Width | 58.8 mm |
| Height | 86.17 mm |
| Depth | 30.5 mm |

Environment

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|-----------------------------------|--|
| Shock resistance | 50 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 |
| Electrical shock protection class | Class II conforming to IEC 61140 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 CSA CCC |
| Standards | UL 508 EN/IEC 60947-5-1 EN/IEC 60204-1 CSA C22.2 No 14 |

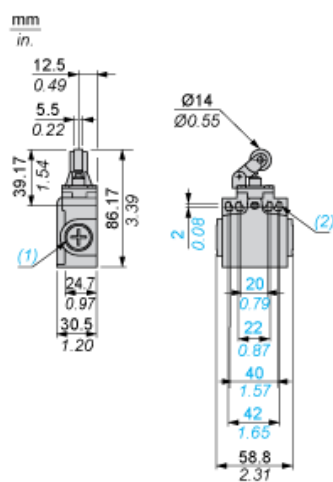
Packing Units

| | |
|------------------|----------|
| Package 1 Weight | 0.098 kg |
| Package 1 Height | 0.310 dm |
| Package 1 width | 0.580 dm |
| Package 1 Length | 0.870 dm |

Contractual warranty

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

Dimensions



- (1) 2 tapped entry for Pg 11 cable gland
(2) Ø: 4 elongated holes Ø 4.3 x 6.3

Mounting with Cable Entry

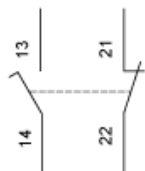
Position of Cable Gland



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

Wiring Diagram

2-pole N/C + N/O Break before Make, Slow Break

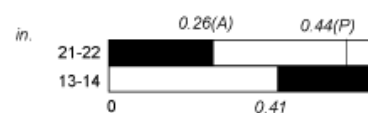
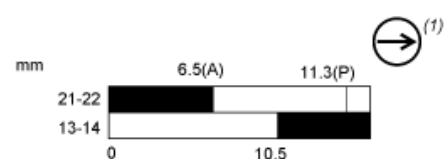


Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



■ (2)

□ (3)

- (P) Positive opening point
- (A) Cam displacement
- (1) NC contact with positive opening operation
- (2) Closed
- (3) Open