



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | Telemecanique Limit switches XC Standard                                  |
| Series name                   | Standard format   |
| Product or component type     | Limit switch  |
| Device short name             | XCKJ  |
| Material                      | Metal   |
| Type of operator              | Steel roller lever metal  |
| Type of approach              | Lateral approach, 1 or 2 programmable direction                           |
| Cable entry                   | 1 entry tapped for M20 x 1.5 cable gland, cable outer diameter: 7...13 mm |
| Number of poles               | 4   |
| Contacts type and composition | 2 x 1 C/O   |
| Contact operation             | Snap action, simultaneous   |

## Complementary

|  |   |
|--|---|
| Switch actuation                             | By 30° cam  |
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>   |
| Contacts insulation form                     | Zb  |
| Number of steps                              | 2   |
| Positive opening                             | Without   |
| Minimum torque for tripping                  | 0.25 N.m  |
| [Ie] rated operational current               | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A<br>0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A   |
| [Ithe] conventional enclosed thermal current | 10 A  |
| [Ui] rated insulation voltage                | 500 V (pollution degree 3) conforming to IEC 60947-1  |
| Maximum resistance across terminals          | 25 MOhm conforming to IEC 60255-7 category 3  |
| [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, inductive load type, 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, inductive load type, 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, inductive load type, 48 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability                        | 25000000 cycles   |
| Width  | 40 mm   |
| Height                                       | 77 mm   |
| Depth  | 44 mm   |
| Net weight                                   | 0.49 kg   |
| Terminals description ISO n°1                | (23-24)NO<br>(11-12)NC<br>(21-22)NC<br>(13-14)NO  |

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## Environment

|                                       |  |
|---------------------------------------|--|
| 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               | IP66 conforming to IEC 60529   |
| IK degree of protection               | IK07 conforming to EN 50102  |
| Overvoltage category                  | Class I conforming to IEC 61140<br>Class I conforming to NF C 20-030 |
| Ambient air temperature for operation | -25...70 °C  |
| Ambient air temperature for storage   | -40...70 °C  |
| Protective treatment                  | TH   |
| Standards                             | CENELEC EN 50041<br>EN 60204-1<br>EN/IEC 60947-5-1                   |

## Packing Units

|                              |        |
|------------------------------|--------|
| Unit Type of Package 1       | PCE    |
| Number of Units in Package 1 | 1      |
| Package 1 Height             | 4.2 cm |
| Package 1 Width              | 5.7 cm |
| Package 1 Length             | 21 cm  |
| Package 1 Weight             | 510 g  |

## 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> |
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