

Limit switch, Limit switches XC Standard, XCLJ, red body steel, 1 NC + 2 NO, slow break contacts



## Main

|                           |  |
|---------------------------|--|
| Range of product          | Telemecanique Limit switches XC Standard |
| Series name               | Standard format                          |
| Product or component type | Limit switch                             |
| Device short name         | XCLJ                                     |
| Body type                 | Fixed                                    |

## Complementary

|  |   |
|--|---|
| Material                                     | Metal   |
| Body material                                | Zamak   |
| Head material                                | Zamak   |
| Fixing mode                                  | By the body   |
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>   |
| Cable entry                                  | 1 entry tapped for Pg 13.5 cable gland, cable outer diameter: 9...12 mm   |
| Number of poles                              | 2   |
| Contacts type and composition                | 1 NC + 2 NO   |
| Contacts insulation form                     | Zb  |
| Contact operation                            | Slow-break  |
| Number of steps                              | 1   |
| Positive opening                             | With  |
| [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   |
| Terminals description ISO n°1                | (21-22)NC<br>(13-14)NO<br>(33-34)NO   |

## 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 IEC 62262                       |
| Overvoltage category                  | Class I conforming to IEC 61140                    |
| Ambient air temperature for operation | -25...70 °C  |
| Ambient air temperature for storage   | -40...70 °C  |
| Standards                             | EN/IEC 60947-5-1<br>CENELEC EN 50041<br>EN 60204-1 |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 12.6 cm |
| Package 1 Width              | 6.8 cm  |
| Package 1 Length             | 4.1 cm  |
| Package 1 Weight             | 445.0 g |

## Offer Sustainability

|  |   |
|--|---|
| 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>  |