

# XCLJ1656154001

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 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 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 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 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 (13-14)NO (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 CENELEC EN 50041 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>