

XCLJ50511H29

Limit switch, Limit switches XC Standard, XCLJ, red body steel, plastic roller lever, NC / NC slow contacts



Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCLJ
Sensor design	Form C conforming to CENELEC EN 50041
Body type	Fixed
Head type	Rotary head

Complementary

Material	Metal
Body material	Zamak
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever metal
Switch actuation	By 30° cam
Type of approach	Lateral approach, 1 or 2 programmable direction
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm ²
Cable entry	1 entry tapped for M20 x 1.5 cable gland, cable outer diameter: 7...13 mm
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts insulation form	Zb
Contact operation	Slow-break, break before make
Number of steps	1
Positive opening	With
Positive opening minimum torque	0.35 N.m
Minimum torque for tripping	0.25 N.m
Maximum actuation speed	1.5 m/s
[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	30000000 cycles
Width	40 mm

Height	77 mm
Depth	44 mm
Net weight	0.49 kg
Terminals description ISO n°1	(21-22)NC (13-14)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	CENELEC EN 50041 EN 60204-1 EN/IEC 60947-5-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.200 cm
Package 1 Width	7.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	472.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	4.894 kg

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 Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com