Product data sheet

Specifications



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

XCLJ50511H29

Product availability : Stock - Normally stocked in distribution facility

Price* : 190.00 USD

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 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 1 x 0.5...2 x 2.5 mm²
Cable entry	1 entry tapped for M20 x 1.5 cable gland 0.28…0.51 in (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	3.10 lbf.in (0.35 N.m)

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Minimum torque for tripping	2.21 lbf.in (0.25 N.m)
Maximum actuation speed	4.92 ft/s (1.5 m/s)
[Ie] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	500 V 3)IEC 60947-1
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Electrical durability	5000000 cycles, DC-13, inductive, 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive, 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive, 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Mechanical durability	30000000 cycles
Width	1.57 in (40 mm)
Height	3.03 in (77 mm)
Depth	1.73 in (44 mm)
Net Weight	1.08 lb(US) (0.49 kg)
Terminals description ISO n°1	(21-22)NC (13-14)NO

Environment

Shock resistance	50 gn 11 ms IEC 60068-2-27
Vibration resistance	25 gn 10…500 Hz)IEC 60068-2-6
IP degree of protection	IP66 conforming to IEC 60529
IK degree of protection	IK07 IEC 62262
Overvoltage category	Class I IEC 61140
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Standards	CENELEC EN 50041 EN 60204-1 EN/IEC 60947-5-1

Ordering and shipping details

Category	22449-LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389110904628
Nbr. of units in pkg.	1
Package weight(Lbs)	16.65 oz (472.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)

Package 1 width	2.76 in (7 cm)
Package 1 Length	5.12 in (13 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Weight	10.79 lb(US) (4.894 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months