XCKJ562

Limit switch, Limit switches XC Standard, XCKJ, steel roller plunger, 1NC+1 NO, slow break, Pg13





Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKJ
Sensor design	-
Body type	Fixed
Head type	Plunger head
Material	Metal
Body material	Zamak
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller plunger metal
Type of approach	Lateral approach, 2 directions
Cable entry	1 entry tapped for Pg 13.5 cable gland, cable outer diameter: 912 mm
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make

Complementary

Complementary	
Switch actuation	By 30° cam
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.52 x 2.5 mm²
Contacts insulation form	Zb
Number of steps	1
Positive opening	With
Positive opening minimum torque	0.5 N.m
Minimum actuation speed	6 m/min
Maximum actuation speed	1 m/s
[le] 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	300 V conforming to UL 508 500 V (pollution degree 3) conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	IEC 60664 6 kV IEC 60947-1 6 kV
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
Width	40 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Height	77 mm
Depth	44 mm
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= 10500 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 Class I conforming to NF C 20-030
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Protective treatment	TC
Product certifications	CCC UL CSA
Standards	EN 60204-1 IEC 60947-5-1 EN 60947-5-1 UL 508 IEC 60204-1 CSA C22.2 No 14 CENELEC EN 50041

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	450 g	
Package 1 Height	4 cm	
Package 1 width	7 cm	
Package 1 Length	13 cm	

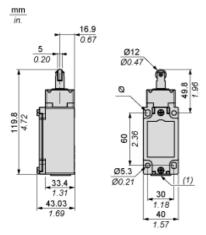
Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EVEL RoHS Declaration
Mercury free	Yes
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

- Contractada Wallanty	
Warranty	18 months

Dimensions



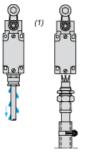
- (1) 1 tapped entry Pg 13.5 cable gland \varnothing : 2 elongated holes \varnothing 5.3 x 7.3.

Product data sheet Mounting and Clearance

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Mounting with Cable Entry

Position of Cable Gland





- Recommended To be avoided
- (1) (2)

Wiring Diagram

2-pole NC + NO Break before Make, Slow Break

Product data sheet **Technical Description**

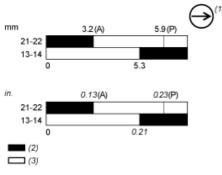
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Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



- Positive opening point
- (P) (A) (1) (2) (3) Cam displacement
- NC contact with positive opening operation
- Closed
- Open