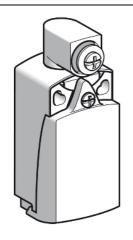


Product data sheet Characteristics

XCKP2501G11

limit switch XCKP - with rotary head w/o operating lever - 1NC+1NO - slow - Pg11





Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKP
Sensor design	Compact
Body type	Fixed
Head type	Rotary head
Material	Plastic
Body material	Plastic
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return without operating lever
Type of approach	Lateral approach, 2 directions
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make

Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.52 x 2.5 mm²	
Cable entry	1 entry tapped for Pg 11 cable gland	
Contacts insulation form	Zb	
Positive opening	With	
Positive opening minimum torque	0.25 N.m	
Minimum torque for tripping	0.1 N.m	
Maximum actuation speed	1.5 m/s	
Contact code designation	A300, AC-15 (Ue = 240 V), le = 3 A, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V), le = 0.27 A conforming to EN/IEC 60947-5-1 appendix 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	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, 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, 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, 48 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C	
Mechanical durability	10000000 cycles	

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.

Width	31 mm
Height	65 mm
Depth	30 mm
Net weight	0.115 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= 10500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Electrical shock protection class	Class II conforming to IEC 61140 Class II 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	UL[RETURN]CSA[RETURN]CCC
Standards	UL 508 IEC 60204-1 CSA C22.2 No 14 IEC 60947-5-1 EN 60947-5-1 EN 60204-1

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	3.3 cm	
Package 1 Width	3.8 cm	
Package 1 Length	9.8 cm	
Package 1 Weight	104 g	

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₫Yes

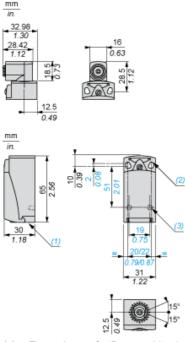
Contractual warranty

Warranty	18 months
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Product data sheet **Dimensions Drawings**

XCKP2501G11

Dimensions

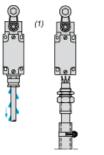


- Tapped entry for Pg 11 cable gland
- 2 elongated holes \emptyset 4.3 x 6.3 mm on 22 mm centres, 2 holes \emptyset 4.3 on 20 mm centres. 2 x \emptyset 3 holes for support studs, depth 4 mm.
- (2)

XCKP2501G11

Mounting with Cable Entry

Position of Cable Gland

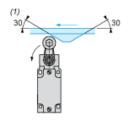


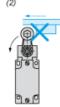


- (1) Recommended
- (2) To be avoided

Mounting with Rotary Heads and Levers

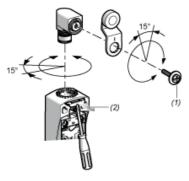
Type of Cam





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

Setting-up with Head ZCE01 and ZCE09



- (1) Tightening torque (Min: 1) (Max: 1.5)
- (2) Tightening torque (Min: 0.8) (Max: 1.2)

Product data sheet Connections and Schema

XCKP2501G11

Wiring Diagram

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

Product data sheet Technical Description

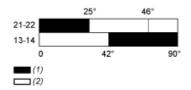
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Characteristics of Actuation

Switch Actuation on End



Functionnal Diagram



- (1) Closed
- (2) Open