

Product data sheet Characteristics

XCKN2710G11

limit switch XCKN - metal end plunger - 2NC - slow - Pg11



Important message: We have updated the process for ordering Telemecanique Sensors products. For more information, please contact your Telemecanique Sensors representative in the UK&I at: UK.salesorders@tesensors.comYou can find all product information on the Telemecanique Sensors website: www.tesensors.com/uk/en

EAN Code: 3389119042499



Main

Range of product	Telemecanique Limit switches XC Standard	
Series name	Standard format	
Product or component type	Limit switch	
Device short name	XCKN	
Sensor design	Compact	
Body type	Fixed	
Head type	Plunger head	
Material	Plastic	
Body material	Plastic	
Head material	Plastic	
Fixing mode	By the body	
Movement of operating head	Linear	
Type of operator	Spring return plunger metal	
Type of approach	Vertical approach, 1 direction	
Cable entry	1 entry tapped for Pg 11 cable gland	
Number of poles	2	
Contacts type and composition	2 NC	
Contact operation	Slow-break, simultaneous	
Sale per indivisible quantity	20	

Complementary

Switch actuation	On end
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.342 x 1.5 mm²
Contacts insulation form	Zb
Positive opening	With
Positive opening minimum force	30 N
Minimum force for tripping	15 N
Maximum actuation speed	0.5 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 R300, DC-13 (Ue = 250 V), le = 0.1 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
[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

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 intended as a substitute for and is not to be used for determining suitability of these products for specific user applications. This characteristic is not integrated 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.

Mechanical durability	10000000 cycles
Width	30 mm
Height	75 mm
Depth	30 mm
Net weight	0.065 kg
Terminals description ISO n°1	(21-22)NC (11-12)NC

Environment

Shock resistance	45 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	IP65 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Overvoltage category	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	CSA[RETURN]UL[RETURN]CCC
Standards	UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60204-1

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	3 cm	
Package 1 Width	3 cm	
Package 1 Length	7.5 cm	
Package 1 Weight	64 g	

Offer Sustainability

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

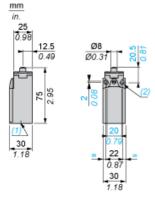
Contractual warranty

Warranty	18 months

Product data sheet **Dimensions Drawings**

XCKN2710G11

Dimensions

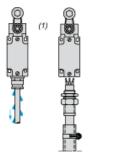


- (1) 1 tapped entry for Pg 11 cable gland
 (2) Ø: 2 elongated holes Ø 4.3 x 6.3 on 22 mm centres, 2 holes Ø 4.3 on 20 mm centres.

XCKN2710G11

Mounting with Cable Entry

Position of Cable Gland





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

Product data sheet Connections and Schema

XCKN2710G11

Wiring Diagram

2-pole NC + NC Simultaneous, Slow Break

Product data sheet **Technical Description**

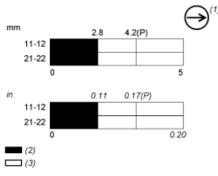
XCKN2710G11

Characteristics of Actuation

Switch Actuation on End



Functionnal Diagram



- (P) Positive opening point
- NC contact with positive opening operation
- (2) Closed
- Open