

Product data sheet Characteristics

XCNTR2102G11

limit switch XCNTR - steel roller plunger - 1NC +1NO - snap - Pg11



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EAN Code: 3389119047739



Main

Range of product	Telemecanique Limit switches XC Standard	
Series name	Standard format	
Product or component type	Limit switch	
Device short name	XCNTR	
Sensor design	Compact	
Reset	With	
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 roller plunger plastic	
Type of approach	Lateral approach, 2 directions	
Number of poles	2	
Contacts type and composition	1 NC + 1 NO	
Contact operation	Snap action	

Complementary

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Switch actuation	By 30° cam
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.342 x 1.5 mm ²
Cable entry	2 entries tapped for Pg 11 cable gland
Contacts insulation form	Zb
Positive opening	With
Positive opening minimum force	20 N
Minimum force for tripping	12 N
Maximum actuation speed	0.3 m/s
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 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 EN/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
Mechanical durability	100000 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 intended as a substitute for and is not to be used for determining suitability of these products for specific user applications.
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Width	58.8 mm
Depth	38.28 mm

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	IP65 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 20030
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Protective treatment	TC
Product certifications	CCC[RETURN]CSA[RETURN]UL
Standards	UL 508 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60204-1

Packing Units

PCE	
1	
3.8 cm	
5.8 cm	
9.3 cm	
120 g	
	1 3.8 cm 5.8 cm 9.3 cm

Offer Sustainability

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

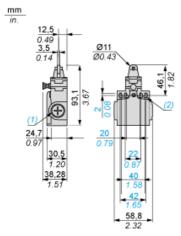
Contractual warranty

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

XCNTR2102G11

Dimensions

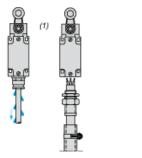


- 2 tapped entry for Pg 11 cable gland Ø: 4 elongated holes Ø 4.3 x 6.3.

XCNTR2102G11

Mounting with Cable Entry

Position of Cable Gland





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

Product data sheet Connections and Schema

XCNTR2102G11

Wiring Diagrams

2-pole NC + NO Snap Action

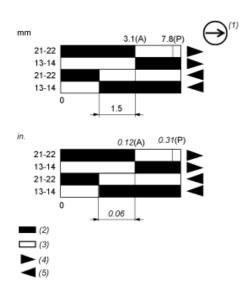
XCNTR2102G11

Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



- Positive opening point
- Cam displacement
- NC contact with positive opening operation
- Closed
- (1) (2) (3) (4) Open
- . Tripping
- Resetting