XCNT2721P16

Limit switch, Limit switches XC Standard, XCNT, thermoplastic plastic roller lever plung. Hor, 2NC, slow, M16





Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCNT
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 roller lever plunger thermoplastic
Type of approach	Lateral approach, 1 direction
Cable entry	2 entries tapped for M16 x 1.5 cable gland, cable outer diameter: 713 mm
Number of poles	2
Contacts type and composition	2 NC
Contact operation	Slow-break, simultaneous

Complementary

Switch actuation	By 30° cam
Electrical connection	Screw-clamp open terminals, clamping capacity: 1 x 0.342 x 1.5 mm²
Contacts insulation form	Zb
Maximum actuation speed	1 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 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	10000000 cycles
Width	58.8 mm
Height	86.17 mm
Depth	30.5 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 interactive for and is not to be used for determining suitability or intensity of these products for specific user applications. It is the dourn and resting of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or itable for misuse of the information contained herein.

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 20-030	
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 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

Offer Sustainability

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

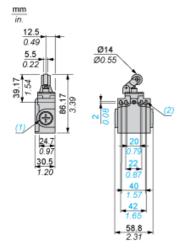
Contractual warranty

Warranty	18 months

Product data sheet **Dimensions Drawings**

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Dimensions

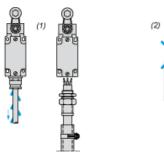


- (1) 2 tapped entry for M16 x 1.5
 (2) Ø: 4 elongated holes Ø 4.3 x 6.3

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Mounting with Cable Entry

Position of Cable Gland



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

Product data sheet Connections and Schema

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Wiring Diagram

2-pole NC + NC Simultaneous, Slow Break

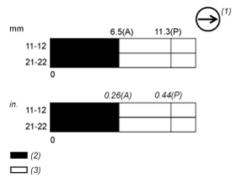
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Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



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