

Product data sheet Characteristics

XCNT2518P16

limit switch XCNT - thermoplastic roller lever - 1NC+1NO - slow - M16



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

www.tesensors.com/uk/en EAN Code: 3389119047449



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	Rotary head
Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever thermoplastic
Type of approach	Lateral approach, 2 directions
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	1 NC + 1 NO
Contact operation	Slow-break, break before make

Complementary

Switch actuation	By 30° cam	
Electrical connection	Screw-clamp open terminals, clamping capacity: 1 x 0.342 x 1.5 mm ²	
Contacts insulation form	Zb	
Positive opening	With	
Positive opening minimum torque	0.15 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), 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	

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 inhered as a substitute for and is not to be used for determining suitability of these products for specific user applications. This the duty of any such user or 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.

Mechanical durability	10000000 cycles	
Width	58.8 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 20-030	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-4070 °C	
Protective treatment	TC	
Product certifications	CSA[RETURN]CCC[RETURN]UL	
Standards	UL 508 EN/IEC 60204-1 CSA C22.2 No 14 EN/IEC 60947-5-1	

Packing Units

PCE
1
4.4 cm
5.8 cm
10.1 cm
119 g

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	

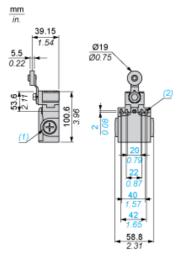
Contractual warranty

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

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Dimensions

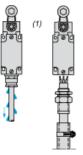


- (1) 2 tapped entry for M16 x 1.5
 (2) Ø: 4 elongated holes Ø 4.3 x 6.3

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Mounting with Cable Entry

Position of Cable Gland

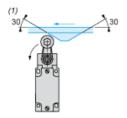


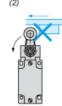


- Recommended
- (1) (2) To be avoided

Mounting with Rotary Heads and Levers

Type of Cam





- Recommended
- To be avoided

Product data sheet Connections and Schema

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Wiring Diagram

2-pole N/C + N/O Break before Make, Slow Break



Product data sheet Technical Description

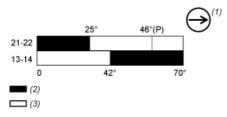
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Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



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