

Product data sheet Characteristics

XCNTR2718P16

limit switch XCNTR - thermoplastic roller lever - 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	XCNTR
Sensor design	Compact
Reset	With
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
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 terminals, clamping capacity: 1 x 0.342 x 1.5 mm²
Cable entry	2 entry tapped for M16 x 1.5 cable gland
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 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
Width	58.8 mm
Height	116.1 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 intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

It is 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.

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	UL[RETURN]CCC[RETURN]CSA	
Standards	EN/IEC 60947-5-1 UL 508 EN/IEC 60204-1 CSA C22.2 No 14	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	4.4 cm	
Package 1 Width	5.8 cm	
Package 1 Length	11.6 cm	
Package 1 Weight	220 g	

Offer Sustainability

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

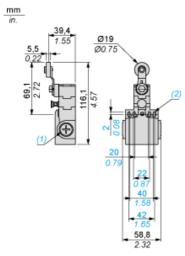
Contractual warranty

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Warranty	18 months

Product data sheet **Dimensions Drawings**

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Dimensions

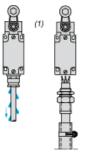


- 2 tapped entry for M16 x 1.5 Ø: 4 elongated holes Ø 4.3 x 6.3.

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Mounting with Cable Entry

Position of Cable Gland

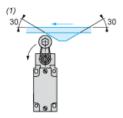




- Recommended
- (1) (2) To be avoided

Mounting with Rotary Heads and Levers

Type of Cam





- Recommended
- To be avoided

Product data sheet Connections and Schema

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Wiring Diagrams

2-pole NC + NC Simultaneous, Slow Break

Product data sheet **Technical Description**

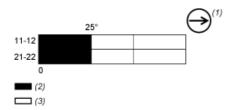
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Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



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