

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	Multi-directional head
Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Movement of operating head	Multi-directional
Type of operator	Spring return spring rod
Type of approach	Multi-directional approach
Cable entry	2 entries tapped for Pg 11 cable gland
Number of poles	2
Contacts type and composition	2 NC
Contact operation	Slow-break, simultaneous

Complementary

Switch actuation	By any moving part
Electrical connection	Screw-clamp open terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ²
Contacts insulation form	Zb
Positive opening	With
Minimum torque for tripping	0.13 N.m
Maximum actuation speed	1 m/s
Contact code designation	A300, AC-15 (U _e = 240 V), I _e = 3 A, I _{the} = 10 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (U _e = 250 V), I _e = 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	IEC 60664 6 kV IEC 60947-1 6 kV
Short-circuit protection	10 A cartridge fuse, type gG
Mechanical durability	5000000 cycles
Width	58.8 mm
Height	176 mm
Depth	30.5 mm

Environment

Shock resistance	20 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	10 gn (f= 10...500 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	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Protective treatment	TC
Product certifications	UL CCC CSA
Standards	UL 508 EN/IEC 60204-1 EN/IEC 60947-5-1 CSA C22.2 No 14

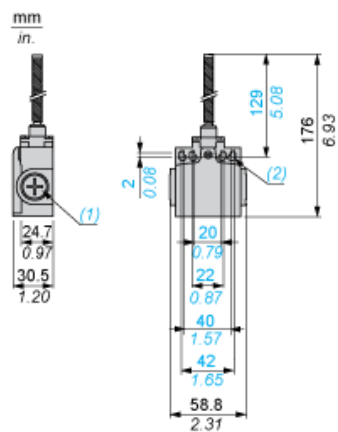
Packing Units

Package 1 Weight	0.116 kg
Package 1 Height	1.100 dm
Package 1 width	0.160 dm
Package 1 Length	3.100 dm

Contractual warranty

Warranty	18 months
----------	-----------

Dimensions



- (1) 2 tapped entry for Pg 11 cable gland
(2) Ø: 4 elongated holes Ø 4.3 x 6.3

Mounting with Cable Entry

Position of Cable Gland



- (1) Recommended
(2) To be avoided

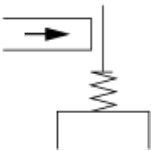
Wiring Diagram

2-pole NC + NC Simultaneous, Slow Break



Characteristics of Actuation

Switch Actuation by Any Moving Part



Functionnal Diagram

