

Product Life Status : **END OF STANDARD SERVICE**

TODAY
FEB 21, 2021

End of Commercialization
OCT 30, 2020

End of Standard Service
OCT 30, 2020



Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKN
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 cat's whisker
Type of approach	Multi-directional approach
Cable entry	1 entry tapped for Pg 11 cable gland
Number of poles	2
Contacts type and composition	2 NC
Contact operation	Slow-break, simultaneous
Sale per indivisible quantity	20

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Complementary

Switch actuation	By any moving part
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ²
Contacts insulation form	Zb
Positive opening	Without
Minimum torque for tripping	0.13 N.m
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 IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse, type gG
Mechanical durability	5000000 cycles
Width	30 mm
Height	197 mm
Depth	30 mm
Net weight	0.075 kg
Terminals description ISO n°1	(11-12)NC (21-22)NC

Environment

Shock resistance	45 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	25 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
Overvoltage category	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	CSA CCC UL
Standards	EN/IEC 60947-5-1 UL 508 EN/IEC 60204-1 CSA C22.2 No 14

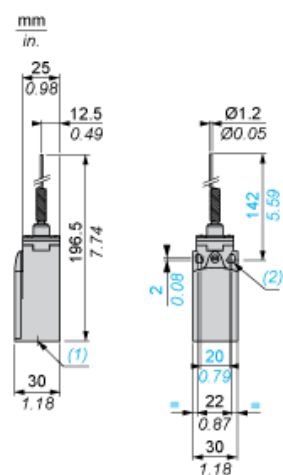
Packing Units

Package 1 Weight	0.071 kg
Package 1 Height	0.300 dm
Package 1 width	0.300 dm
Package 1 Length	1.965 dm

Contractual warranty

Warranty	18 months
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Dimensions



Mounting with Cable Entry

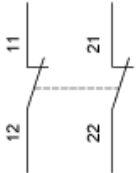
Position of Cable Gland



- (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

