

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	XCKS
Sensor design	Form D conforming to CENELEC EN 50041
Body type	Fixed
Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body

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## Complementary

Electrical connection	Screw-clamp terminals
Minimum torque for tripping	0.1 N.m
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V), Ie = 0.27 A conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A AC
[Ui] rated insulation voltage	500 V (pollution degree 3) conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14 300 V
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse, type gG
Electrical durability	5000000 Cycles, DC-13, inductive load type, 120 V, 4 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 Cycles, DC-13, inductive load type, 24 V, 10 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Mechanical durability	20000000 cycles
Terminals description ISO n°1	(13-14)NO (21-22)NC

## Environment

Shock resistance	40 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	IP67 conforming to IEC 60529 IP66 conforming to IEC 60529
IK degree of protection	IK05 conforming to EN 50102
Electrical shock protection class	Class II conforming to IEC 61140 Class II conforming to NF C 20-030
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 60204-1 CSA C22.2 No 14 IEC 60204-1 EN 60947-5-1 CENELEC EN 50041 IEC 60947-5-1 UL 508

## Packing Units

Package 1 Weight	0.114 kg
Package 1 Height	0.590 dm
Package 1 width	1.310 dm
Package 1 Length	0.400 dm