

Product data sheet

Specifications



Limit switch, Limit switches XC Standard, XCKN, thermoplastic plastic roller lever, 1 NO + 1NC

XCKN3903F12S66

Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKN
Head type	Rotary head
Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Number of poles	2

Complementary

Contacts insulation form	Zb
Contact code designation	Q300, DC-13 (Ue = 250 V), Ie = 0.27 A EN/IEC 60947-5-1 appendix A A300, AC-15 (Ue = 240 V), Ie = 3 A EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 VUL 508 500 V 3)IEC 60947-1 300 VCSA 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 gG
Electrical durability	5000000 cycles, DC-13, 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Mechanical durability	10000000 cycles
Width	1.18 in (30 mm)
Height	5.24...6.81 in (133...173 mm)
Depth	1.89 in (48 mm)
Net weight	0.44 lb(US) (0.2 kg)
Terminals description ISO n°1	(11-12)NC (21-22)NC

Environment

Shock resistance	15 gn 11 ms IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz)IEC 60068-2-6
IP degree of protection	IP65 IEC 60529
IK degree of protection	IK04 EN 50102
Overtoltage category	Class II IEC 61140 Class II NF C 20-030
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Protective treatment	TC
Product certifications	CCC UL CSA
Standards	IEC 60204-1 EN 60947-5-1 UL 508 EN 60204-1 CSA C22.2 No 14 IEC 60947-5-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.20 in (3.048 cm)
Package 1 Width	1.20 in (3.048 cm)
Package 1 Length	3.80 in (9.652 cm)
Package 1 Weight	2.40 oz (68.04 g)
Unit Type of Package 2	S03
Number of Units in Package 2	1
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	27.62 oz (783 g)
Unit Type of Package 3	CAR
Number of Units in Package 3	20
Package 3 Height	4.33 in (11 cm)
Package 3 Width	5.04 in (12.8 cm)
Package 3 Length	6.61 in (16.8 cm)
Package 3 Weight	3.20 lb(US) (1.45 kg)

Offer Sustainability

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

RoHS exemption information [Yes](#)

Environmental Disclosure [Product Environmental Profile](#)

Recommended replacement(s)