

Product Datasheet

Characteristic

XCKJ10513H7

limit switch XCKJ - steel roller lever -
1NC+1NO - snap action - 1/2NPT



Main

range of product	OsiSense XC
series name	Standard format
product or component type	Limit switch
device short name	XCKJ
sensor design	Form A CENELEC EN 50041
body type	Fixed
head type	Rotary head
material	Metal
body material	Zamak
head material	Zamak
fixing mode	By the body
movement of operating head	Rotary
type of operator	Spring return roller lever metal
type of approach	Lateral approach, 1 or 2 programmable direction
cable entry	1 entry tapped for 1/2" NPT cable gland
number of poles	2
contacts type and composition	1 NC + 1 NO
contact operation	Snap action

Complementary

switch actuation	By 30° cam
electrical connection	Screw-clamp terminals 1 x 0.34...2 x 1.5 mm ²
contacts insulation form	Zb
number of steps	1
positive opening	With
positive opening minimum torque	4.43 lbf.in (0.5 N.m)
minimum torque for tripping	2.21 lbf.in (0.25 N.m)
maximum actuation speed	4.92 ft/s (1.5 m/s)
[I _e] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A
[I _{th}] conventional enclosed thermal current	10 A

[Ui] rated insulation voltage	300 VUL 508 500 V 3)IEC 60947-1 300 VCSA C22.2 No 14
maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	IEC 60664 6 kV IEC 60947-1 6 kV
short-circuit protection	10 A cartridge fuse gG
electrical durability	5000000 cycles, DC-13, inductive, 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive, 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive, 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
mechanical durability	30000000 cycles
Maximum Width	1.57 in (40 mm)
height	3.03 in (77 mm)
Maximum Depth	1.73 in (44 mm)
Net Weight	1.08 lb(US) (0.49 kg)
terminals description ISO n°1	(13-14)NO (21-22)NC

Environment

shock resistance	50 gn 11 ms IEC 60068-2-27
vibration resistance	25 gn 10...500 Hz)IEC 60068-2-6
IP degree of protection	IP66 IEC 60529
IK degree of protection	IK07 EN 50102
overvoltage category	Class I IEC 61140 Class I 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	CSA UL CCC
standards	CENELEC EN 50041 CSA C22.2 No 14 IEC 60204-1 EN 60204-1 EN 60947-5-1 IEC 60947-5-1 UL 508

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP110614EN