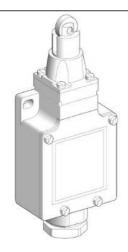
XCKL102H7

limit switch XCKL - steel roller plunger - 1NC +1NO - snap action - 1/2NPT





Main

Commercial Status	Commercialised
Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKL
Body type	Fixed
Head type	Plunger head
Material	Metal
Body material	Zamak
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller plunger metal
Type of approach	Lateral approach 2 directions
Cable entry	1 entry tapped for 1/2" NPT cable gland
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	Snap action

Complementary

By 30° cam
Screw-clamp terminals, clamping capacity: 1 x 0.342 x 1.5 mm²
Zb
1
With
36 N
12 N
0.01 m/min
0.5 m/s
Q300, DC-13 (Ue = 250 V, le = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A A300, AC-15 (Ue = 240 V, le = 3 A) conforming to EN/IEC 60947-5-1 appendix A
10 A AC
300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508
<= 25 MOhm conforming to IEC 60255-7 category 3
6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664
10 A by gG cartridge fuse
5000000 cycles, DC-13, inductive load type, 48 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, 24 V, 7 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, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
20000000 cycles

Width	52 mm
Height	72 mm
Depth	30 mm
Terminals description ISO n°1	(13-14)NO (21-22)NC

Environment

Shock resistance	50 gn (duration = 11 ms) conforming to EN/IEC 60068-2-27
Vibration resistance	25 gn (f = 10500 Hz) conforming to EN/IEC 60068-2-6
IP degree of protection	IP66 conforming to EN/IEC 60529
IK degree of protection	IK05 conforming to EN 50102
Class of protection against electric shock	Class I conforming to NF C 20-030 Class I conforming to IEC 61140
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Protective treatment	TC
Product certifications	CSA UL
Standards	EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1010 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

