

# XCKM101

limit switch XCKM - metal end plunger - 1NC  
+1NO - snap action - Pg11



Product availability: Non-Stock - Not normally stocked in distribution facility

## Main

Commercial Status	Commercialised
Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKM
Body type	Fixed
Head type	Rotary head
Material	Metal
Body material	Zamak
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return without operating lever
Type of approach	Lateral approach 2 directions
Cable entry	3 entries tapped for Pg 11 cable gland
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	Snap action

## Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>
Contacts insulation form	Zb
Number of steps	1
Positive opening	With
Positive opening minimum torque	2.21 lbf.in (0.25 N.m)
Minimum torque for tripping	0.88 lbf.in (0.1 N.m)
Minimum actuation speed	0.01 m/min
Maximum actuation speed	4.92 ft/s (1.5 m/s)
Contact code designation	Q300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A A300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A) conforming to EN/IEC 60947-5-1 appendix A
[I <sub>th</sub> ] conventional enclosed thermal current	10 A AC
[U <sub>i</sub> ] rated insulation voltage	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
Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
[U <sub>imp</sub> ] rated impulse withstand voltage	6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664
Short circuit protection	10 A by gG cartridge fuse
Electrical durability	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
Mechanical durability	15000000 cycles

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Width	2.52 in (64 mm)
Height	2.52 in (64 mm)
Depth	1.18 in (30 mm)
Product weight	0.62 lb(US) (0.28 kg)
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 = 10...500 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	Conforming to NF C 20-030 Conforming to IEC 61140
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 CSA UL
Standards	EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14

## Ordering and shipping details

Category	22416 - LIMIT SWITCHES,IEC,XCKL
Discount Schedule	T
GTIN	00785901537267
Nbr. of units in pkg.	1
Package weight(Lbs)	0.70
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1010 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Period	18 months
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