

Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKL
Body type	Fixed
Head type	Multi-directional head
Material	Metal
Body material	Zamak
Fixing mode	By the body
Movement of operating head	Multi-directional
Type of operator	Spring return cat's whisker
Type of approach	Multi-directional approach
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 any moving part
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ²
Contacts insulation form	Zb
Number of steps	1
Positive opening	Without
Minimum torque for tripping	1.15 lbf.in (0.13 N.m)
Minimum actuation speed	0.01 m/min
Maximum actuation speed	3.28 ft/s (1 m/s)
Contact code designation	A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A

[Ithe] conventional enclosed thermal current	10 A AC
[Ui] 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
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short-circuit protection	10 A by gG cartridge fuse
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, 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, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Mechanical durability	10000000 cycles
Width	2.05 in (52 mm)
Height	2.83 in (72 mm)
Depth	1.18 in (30 mm)
Terminals description ISO n°1	(21-22)NC (13-14)NO


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
Electrical shock protection class	Class I conforming to IEC 61140 Class I conforming to 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	UL CSA
Standards	EN 60204-1 CSA C22.2 No 14 UL 508 IEC 60947-5-1 IEC 60204-1 EN 60947-5-1

Ordering and shipping details

Category	22416 - LIMIT SWITCHES,IEC,XCKL
Discount Schedule	T
GTIN	00785901451624
Nbr. of units in pkg.	1
Package weight(Lbs)	0.550000000000000004
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1014 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Product end of life instructions	Need no specific recycling operations
----------------------------------	---------------------------------------

Contractual warranty

Warranty period	18 months
-----------------	-----------