



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKD
Sensor design	Compact
Body type	Fixed
Head type	Multi-directional head
Material	Metal
Fixing mode	By the body
Movement of operating head	Multi-directional
Type of operator	Spring return cat's whisker
Switch actuation	By any moving part
Type of approach	Multi-directional approach
Electrical connection	Screw-clamp terminals , 1 x 0.5...2 x 2.5 mm ²
Cable entry	1 entry tapped for M16 x 1.5 cable gland , cable outer diameter: 4...8 mm
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	Slow-break, break before make
Positive opening	Without
Minimum torque for tripping	0.13 N.m

Complementary

Body material	Zamak
Head material	Zamak
Contacts insulation form	Zb
Maximum actuation speed	1 m/s
Repeat accuracy	0.1 mm on the tripping points with 1 million operating cycles
Contact code designation	A300 AC-15 240 V 3 A IEC 60947-5-1 appendix A 10 A A300 AC-15 240 V 3 A EN 60947-5-1 10 A Q300 DC-13 250 V 0.27 A IEC 60947-5-1 appendix A Q300 DC-13 250 V 0.27 A EN 60947-5-1
[Ui] rated insulation voltage	300 V UL 508 300 V CSA C22-2 No 14 500 V 3 IEC 60947-1
Resistance across terminals	≤ 25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1 6 kV IEC 60664
Short circuit protection	10 A cartridge fuse gG
Electrical durability	5000000 cycles DC-13, 24 V 13 W, ≤ 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C , DC 5000000 cycles DC-13, 48 V 9 W, ≤ 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C , DC 5000000 cycles DC-13, 120 V 7 W, ≤ 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C , DC
Mechanical durability	5000000 cycles
Width	31 mm
Height	65 mm

Depth	30 mm
Product weight	0.175 kg

Environment

Shock resistance	50 gn 11 ms IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz IEC 60068-2-6
IK degree of protection	IK06 EN 50102
Class of protection against electric shock	Class I IEC 61140 Class I NF C 20-030
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Protective treatment	TC
Product certifications	CCC CSA UL
Standards	CSA C22-2 No 14 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant