

Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKN
Sensor design	Compact
Body type	Fixed
Head type	Rotary head
Material	Plastic
Movement of operating head	Rotary
Type of operator	Thermoplastic spring return roller plunger (variable length, roller diameter 50 mm)
Electrical connection	Screw-clamp terminals (1 x 0.34...2 x 1.5 mm ²)
Cable entry	1 entry tapped for M20 x 1.5 cable gland , cable outer diameter: 7...13 mm
Number of poles	2
Contacts type and composition	2 NC
Contacts operation	Slow-break, simultaneous
Positive opening	With
Sale per indivisible quantity	20

Complementary

Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Switch actuation	By 30° cam
Contacts insulation form	Zb
Positive opening minimum torque	0.15 N.m
Minimum torque for tripping	0.1 N.m
Maximum actuation speed	1.5 m/s
Contact code designation	AC-15 : A300 (Ue = 240 V , Ie = 3 A), Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A DC-13 : R300 (Ue = 250 V , Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to CSA C22-2 No 14 300 V conforming to UL 508 500 V (degree of pollution: 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664
Short circuit protection	10 A cartridge fuse type gG
Mechanical durability	10000000 cycles
Width	30 mm
Height	108...157 mm
Depth	39.7 mm
Product weight	0.09 kg

Environment

Shock resistance	35 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	25 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP65 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Class of protection against electric shock	Class II conforming to IEC 61140 Class II conforming to 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/IEC 60204-1 EN/IEC 60947-5-1 UL 508
RoHS EUR conformity date	4Q2010
RoHS EUR status	Will be compliant