



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKJ
Sensor design	Form A conforming to CENELEC EN 50041
Body type	Fixed
Head type	Rotary head
Material	Metal
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Thermoplastic spring return roller lever
Switch actuation	By 30° cam
Type of approach	1 or 2 programmable direction lateral approach
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ²
Cable entry	1 entry tapped for Pg 13.5 cable gland, cable outer diameter: 9 - 12 mm
Number of poles	2
Contacts type and composition	1 NO + 1 NC
Contacts operation	Snap action
Positive opening	With

Complementary

Body material	Zamak
Head material	Zamak
Contacts insulation form	Zb
Number of steps	1
Positive opening min torque	0.5 N.m
Minimum torque for tripping	0.25 N.m
Maximum actuation speed	1.5 m/s
Contact code designation	A300, AC-15 (U _e = 240 V, I _e = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (U _e = 250 V, I _e = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A
I _{the} cnvtl enclosed therm crt	10 A, AC
U _i 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
Resistance across terminals	<= 25 mOhm conforming to IEC 60255-7 category 3
U _{imp} rated imp wstdvoltage	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 5000000 cycles, DC-13 inductive load type , 24 V 5000000 cycles, DC-13 inductive load type , 48 V
Mechanical durability	30000000 cycles
Width	40 mm
Height	77 mm
Depth	44 mm

Product weight	0.48 kg
CAD overall width	40 mm
CAD overall height	133 mm
CAD overall depth	62 mm
Terminals description ISO nT ₁	(13-14)NO (21-22)NC

Environment

Shock resistance	50 gn (duration = 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	IP66 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Class of prot agnst elec shock	Class I conforming to IEC 61140 Class I conforming to NF C 20-030
Ambient air temp for op	-25...70 °C
Ambient air temp for storage	-40...70 °C
Protective treatment	TC
Product certifications	CCC CSA UL
Standards	CENELEC EN 50041 CSA C22-2 No 14 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508