



## Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKJ
Body type	Plug-in body
Product compatibility	XCKJ
Local display	Without
Electrical connection	Screw-clamp terminals , clamping capacity: 1 x 0.75...2 x 1.5 mm <sup>2</sup>
Cable entry	1 entry tapped for 1/2" NPT cable gland
Number of poles	2
Contacts type and composition	1 C/O 2 C/O
Contacts operation	Snap action Snap action, simultaneous
Positive opening	Without
Ambient air temperature for operation	-40...20 °C for low temperature -25...70 °C for standard environment
Environmental characteristic	Low temperature Standard environment

## Complementary

Associated head	ZCKE05 ZCKE06 ZCKE08 ZCKE21 ZCKE23 ZCKE61 ZCKE619 ZCKE62 ZCKE629 ZCKE63 ZCKE64 ZCKE65 ZCKE66 ZCKE67
Body material	Metal
Number of steps	1
Contacts material	Silver plated contacts
Minimum actuation speed	0.01 m/min
Contact code designation	A300 , AC-15 (U <sub>e</sub> = 240 V , I <sub>e</sub> = 3 A), I <sub>the</sub> = 10 A conforming to EN/IEC 60947-5-1 appendix A Q300 , DC-13 (U <sub>e</sub> = 250 V conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to UL 508 contact block 300 V conforming to CSA 22-2 No 14 contact block 500 V degree of pollution 3 conforming to IEC 60947-1 contact block
Resistance across terminals	0.25 mOhm conforming to IEC 60255-7 category 3
[Uimp] 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 (Uc = 48 V), 7 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 120 V), 4 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 24 V), 10 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C
Product weight	0.3 kg

## Environment

IP degree of protection	IP65
IK degree of protection	IK08
Ambient air temperature for storage	-40...70 °C
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant

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