



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKL
Body type	Fixed
Product compatibility	XCKL
Associated head	ZCKD21 ZCKD59 ZCKD029 ZCKD02 ZCKD08 ZCKD23 ZCKD239 ZCKD81 ZCKD06 ZCKD15 ZCKD219 ZCKD41 ZCKD05 ZCKD109 ZCKD91 ZCKD17 ZCKD16 ZCKD10
Body material	Metal
Cable entry	1 tapped entry for Pg 13.5 cable gland (included)
Number of poles	2
Contacts type and composition	2 NO
Contact operation	Slow-break, simultaneous
Number of steps	1 1 position
Contacts material	Silver plated contacts

Complementary

Local display	Without
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm ²
Positive opening	Without

Minimum actuation speed	6 m/min
[Ie] rated operational current	3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 contact block 300 V conforming to UL 508 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	4 kV conforming to IEC 60664 4 kV conforming to IEC 60947-1
Short-circuit protection	6 A by gG cartridge fuse
Electrical durability	5000000 cycles, DC-13 120 V, 2 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 4 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 3 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Width	52 mm
Height	72 mm
Depth	30 mm
Product weight	0.21 kg
Terminals description ISO n°1	(21-22)NC (31-32)NC (13-14)NO
Compatibility code	ZCKL

Environment

IP degree of protection	IP66
IK degree of protection	IK05
Ambient air temperature for operation	-25...70 °C for standard environment
Ambient air temperature for storage	-40...70 °C
Environmental characteristic	Standard environment

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
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
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