



ⓘ Discontinued

ZCKML1 has not been replaced. Please contact your customer care center for more information.

### Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKML
Body type	Fixed
Product compatibility	XCKML
Associated head	ZCKD02 ZCKD05 ZCKD06 ZCKD08 ZCKD10 ZCKD109 ZCKD15 ZCKD16 ZCKD17 ZCKD21 ZCKD219 ZCKD23 ZCKD239 ZCKD41 ZCKD59 ZCKD81 ZCKD91 ZCKD029
Body material	Metal
Cable entry	3 entries tapped for Pg 13 cable gland
Number of poles	2
Contacts type and composition	2 NC + 1 NO
Contact operation	Snap action
Number of steps	1 1 position
Contacts material	Silver plated contacts

### Complementary

Local display	Without
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>
Positive opening	With
Minimum actuation speed	0.01 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	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-13 120 V, 4 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 10 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 7 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Width	1.57 in (40 mm)
Height	3.9 in (99 mm)
Depth	2.24 in (57 mm)
Product weight	0.33 lb(US) (0.15 kg)
Terminals description ISO n°1	(11-12)NO (13-14)NC (21-22)NC (23-24)NO

## Environment

IP degree of protection	IP65
IK degree of protection	IK03
Ambient air temperature for operation	-13...158 °F (-25...70 °C) standard environment
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Environmental characteristic	Standard environment

## Ordering and shipping details

Category	22416 - LIMIT SWITCHES,IEC,XCKL
Discount Schedule	T
Nbr. of units in pkg.	1
Returnability	N
Country of origin	FR

## Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant <b>Will not be compliant</b>
REACH	Reference not containing SVHC above the threshold <b>Reference not containing SVHC above the threshold</b>
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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