



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKS
Body type	Fixed
Product compatibility	XCKS
Associated head	ZCKD01 ZCKD019 ZCKD02 ZCKD05 ZCKD06 ZCKD08 ZCKD31 ZCKD33 ZCKD34 ZCKD39 ZCKD41 ZCKD49 ZCKD54 ZCKD55 ZCKD59 ZCKD81 ZCKD91 ZCKD029
Body material	Plastic
Cable entry	1 entry tapped for M20 x 1.5 cable gland
Number of poles	2
Contacts type and composition	2 NC
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	With
Minimum actuation speed	6 m/min
[I _e] 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
[I _{the}] conventional enclosed thermal current	10 A
[U _i] rated insulation voltage	300 V conforming to UL 508 contact block 500 V degree of pollution 3 conforming to IEC 60947-1 contact block 300 V conforming to CSA C22.2 No 14 contact block
Resistance across terminals	0.25 mOhm conforming to IEC 60255-7 category 3
[U _{imp}] 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	1.57 in (40 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Height	2.87 in (73 mm)
Depth	1.42 in (36 mm)
Product weight	0.18 lb(US) (0.08 kg)
Terminals description ISO n°1	(13-14)NO (21-22)NC (31-32)NC

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

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1014 - Schneider Electric declaration of conformity	Compliant - since 1014 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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