



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	3
Contacts type and composition	1 NC + 2 NO
Contact operation	Snap action
Number of steps	1 1 position
Contacts material	Silver plated contacts

ZCKSD31H29

Complementary

Local display	Without
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 0.75 mm ²
Positive opening	With
Minimum actuation speed	0.01 m/min
[Ie] rated operational current	1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 contact block 300 V conforming to UL 508 contact block 400 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, 1 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 3 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 2 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Width	40 mm
Height	73 mm
Depth	36 mm
Product weight	0.08 kg
Terminals description ISO n°1	(13-14)NO (31-32)NC (33-34)NO
Compatibility code	ZCKS

Environment

IP degree of protection	IP65
IK degree of protection	IK03
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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1103 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available Product environmental

Contractual warranty

Warranty period	18 months
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