

# ZCKJD31H7

limit switch body ZCKJ - fixed - w/o display - 1NC  
+2NO - snap action - 1/2"NPT



## Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKJ
Body type	Fixed
Product compatibility	XCKJ
Associated head	ZCKE629 ZCKE06 ZCKE08 ZCKE67 ZCKE05 ZCKE66 ZCKE65 ZCKE64 ZCKE23 ZCKE61 ZCKE63 ZCKE62 ZCKE21 ZCKE619
Body material	Metal
Cable entry	1 entry tapped for 1/2" NPT conduit
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

## Complementary

Local display	Without
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 0.75 mm <sup>2</sup>

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, 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	40 mm
Height	77 mm
Depth	44 mm
Product weight	0.31 kg
Terminals description ISO n°1	(13-14)NO (31-32)NC (21-22)NC
Compatibility code	ZCKJ

## Environment

IP degree of protection	IP66
IK degree of protection	IK07
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 <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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