

ZCKL1H7

limit switch body ZCKL - 1NC+1NO - 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	ZCKL
Body type	Fixed
Product compatibility	XCKL
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	1 entry tapped for 1/2" NPT conduit
Number of poles	2
Contacts type and composition	1 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 ²
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	500 V degree of pollution 3 conforming to IEC 60947-1 contact block 300 V conforming to CSA C22.2 No 14 contact block 300 V conforming to UL 508 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

Electrical durability	5000000 cycles, DC-13 120 V, 7 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 13 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 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	(13-14)NO (23-24)NO

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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1005 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations