

# Product data sheet

Specifications



## Limit switch body, Limit switches XC Standard, ZCKL, 1NC+1 NO, slow break, 1/2"NPT

ZCKL5H7

### Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKL
Body type	Fixed
Product compatibility	XCKL
Associated head	ZCKD21 ZCKD109 ZCKD02 ZCKD23 ZCKD59 ZCKD10 ZCKD239 ZCKD91 ZCKD41 ZCKD17 ZCKD06 ZCKD029 ZCKD16 ZCKD05 ZCKD81 ZCKD15 ZCKD219 ZCKD08
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	Slow-break, break before make
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 <sup>2</sup>
Positive opening	With
Minimum actuation speed	6 m/min
[I <sub>e</sub> ] 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

<b>[I<sub>th</sub>] conventional enclosed thermal current</b>	10 A
<b>[U<sub>i</sub>] rated insulation voltage</b>	500 V (pollution degree 3) conforming to IEC 60947-1 for contact block 300 V conforming to CSA C22.2 No 14 for contact block 300 V conforming to UL 508 for contact block
<b>Maximum resistance across terminals</b>	0.25 mOhm conforming to IEC 60255-7 category 3
<b>[U<sub>imp</sub>] rated impulse withstand voltage</b>	4 kV conforming to IEC 60664 4 kV conforming to IEC 60947-1
<b>Short-circuit protection</b>	6 A cartridge fuse, type gG
<b>Electrical durability</b>	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
<b>Width</b>	52 mm
<b>Height</b>	72 mm
<b>Depth</b>	30 mm
<b>Product weight</b>	0.21 kg
<b>Terminals description ISO n°1</b>	(31-32)NC (13-14)NO (33-34)NO

## Environment

<b>IP degree of protection</b>	IP66
<b>IK degree of protection</b>	IK05
<b>Ambient air temperature for operation</b>	-25...70 °C for standard environment
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Environmental characteristic</b>	Standard environment

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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**Recommended replacement(s)**