

# ZCKL1

Limit switch body, Limit switches XC Standard, ZCKL, 1NC+1 NO, snap action, Cable gland include



## 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	ZCKD029 ZCKD02 ZCKD239 ZCKD21 ZCKD41 ZCKD23 ZCKD10 ZCKD219 ZCKD17 ZCKD16 ZCKD08 ZCKD81 ZCKD109 ZCKD06 ZCKD91 ZCKD59 ZCKD15 ZCKD05
Body material	Metal
Cable entry	1 tapped entry for Pg 13.5 cable gland (included)
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 1 x 0.34...2 x 1.5 mm <sup>2</sup>
Positive opening	With
Minimum actuation speed	0.01 m/min
[Ie] rated operational current	3 A 240 V, AC-15, A300 IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	500 V 3)IEC 60947-1 contact block 300 VCSA C22.2 No 14 contact block 300 VUL 508 contact block
Maximum resistance across terminals	0.25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Electrical durability	5000000 Cycles, DC-13 120 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13 24 V, 13 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C

Width	2.05 in (52 mm)
Height	2.83 in (72 mm)
Depth	1.18 in (30 mm)
Net Weight	0.46 lb(US) (0.21 kg)
Terminals description ISO n°1	(11-12)NC (21-22)NC

## Environment

IP Degree of Protection	IP66
IK Degree of Protection	IK05
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



## Ordering and shipping details

Category	US1000T22416
Discount Schedule	000T
GTIN	3389110646665
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.30 in (3.300 cm)
Package 1 Width	3.15 in (8.000 cm)
Package 1 Length	2.56 in (6.500 cm)
Package 1 Weight	7.87 oz (223.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	20.46 lb(US) (9.280 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: 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. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
Circularity Profile	No need of specific recycling operations

## Contractual warranty

Warranty	18 months
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