



**THE DATASHEET OF
ZCKJ1**





Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or Component Type	Limit switch body
Device short name	ZCKM
Body type	Fixed
Product Compatibility	XCKM
Associated head	ZCKD06 ZCKD16 ZCKD239 ZCKD41 ZCKD21 ZCKD219 ZCKD10 ZCKD08 ZCKD109 ZCKD23 ZCKD91 ZCKD81 ZCKD05 ZCKD02 ZCKD17 ZCKD029 ZCKD15 ZCKD59
Body Material	Metal
Cable entry	3 entries tapped for Pg 11 cable gland
Number of poles	2
Contacts type and composition	2 NC
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 ²
Positive opening	With
Minimum actuation speed	0.01 m/min
[I _e] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A
[I _{th} e] conventional enclosed thermal current	10 A
[U _i] rated insulation voltage	500 V 3) IEC 60947-1 contact block 300 V CSA C22.2 No 14 contact block 300 V VUL 508 contact block
Maximum resistance across terminals	0.25 mOhm IEC 60255-7 category 3
[U _{imp}] rated impulse withstand voltage	4 KV IEC 60664 4 kV IEC 60947-1
Short-circuit protection	6 A cartridge fuse gG
Electrical durability	5000000 Cycles, DC-13 120 V, 2 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13 24 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Width	2.52 in (64 mm)
Height	2.52 in (64 mm)

Depth	1.18 in (30 mm)
Net Weight	0.46 lb(US) (0.21 kg)
Terminals description ISO n°1	(31-32)NC (21-22)NC (13-14)NO

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	22416-LIMIT SWITCHES,IEC,XCKL
Discount Schedule	T
GTIN	3389110619300
Nbr. of units in pkg.	1
Package weight(Lbs)	8.25 oz (234.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.26 in (3.2 cm)
Package 1 width	3.86 in (9.8 cm)
Package 1 Length	2.52 in (6.4 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Weight	21.11 lb(US) (9.574 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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