

Product data sheet

Specifications



Limit switch body, Limit switches XC Standard, ZCKM, 1NC+1 NO, snap action, Pg11

ZCKM1

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	ZCKD08 ZCKD06 ZCKD219 ZCKD41 ZCKD02 ZCKD81 ZCKD05 ZCKD109 ZCKD16 ZCKD23 ZCKD91 ZCKD029 ZCKD17 ZCKD59 ZCKD15 ZCKD21 ZCKD239 ZCKD10
Body material	Metal
Cable entry	3 entries tapped for Pg 11 cable gland
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
[I _e] 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

[I_{th}] conventional enclosed thermal current	10 A
[U_i] rated insulation voltage	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
Maximum resistance across terminals	0.25 mOhm conforming to IEC 60255-7 category 3
[U_{imp}] rated impulse withstand voltage	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short-circuit protection	10 A cartridge fuse, type gG
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	64 mm
Height	64 mm
Depth	30 mm
Net weight	0.21 kg
Terminals description ISO n°1	(21-22)NC (13-14)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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	238 g
Package 1 Height	3.2 cm
Package 1 width	6.5 cm
Package 1 Length	9.7 cm
Unit Type of Package 2	S01
Number of Units in Package 2	20
Package 2 Weight	5.08 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	640
Package 3 Weight	164.18 kg
Package 3 Height	77 cm
Package 3 width	80 cm

Package 3 Length	60 cm
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Offer Sustainability

Sustainable offer status	Green Premium product
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REACH Regulation	REACH Declaration
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
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Mercury free	Yes
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RoHS exemption information	Yes
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Environmental Disclosure	Product Environmental Profile
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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
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Contractual warranty

Warranty	18 months
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