Product data sheet Characteristics

ZCKM18

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



Main

Mani	
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	ZCKD109 ZCKD05 ZCKD029 ZCKD91 ZCKD59 ZCKD15 ZCKD10 ZCKD41 ZCKD08 ZCKD06 ZCKD06 ZCKD02 ZCKD21 ZCKD17 ZCKD16 ZCKD17 ZCKD16 ZCKD219 ZCKD23 ZCKD23 ZCKD23
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	Gold plated contacts

Complementary	
Local display	Without
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.342 x 1.5 mm²
Positive opening	With
Minimum actuation speed	0.01 m/min
[le] 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 (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
[Uimp] rated impulse withstand voltage	IEC 60664 6 kV IEC 60947-1 6 kV
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	(13-14)NO (21-22)NC

Environment

IP degree of protection	IP66
IK degree of protection	IK05
Ambient air temperature for operation	-2570 °C for standard environment
Ambient air temperature for storage	-4070 °C
Environmental characteristic	Standard environment

Packing Units

PCE	
1	
231 g	
3.3 cm	
6.8 cm	
8 cm	
	1 231 g 3.3 cm 6.8 cm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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