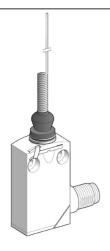
Product data sheet Characteristics

XCMD2106M12

limit switch XCMD - cat's whisker - 1C/O - snap - M12



Main

OsiSense XC
Standard format
Limit switch
XCMD
Miniature
Plug-in body
Multi-directional head
Metal
Zamak
By the body
Multi-directional
Spring return cat's whisker
Multi-directional approach
M12 male connector , 4 pins
2
1 C/O
Snap action
Without

Complementary

Complementary	
Body material	Zamak
Switch actuation	By any moving part
Contacts insulation form	Za
Minimum force for tripping	0.1 N
Maximum actuation speed	1 m/s
Contact code designation	B300 , AC-15 (Ue = 240 V , Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300 , DC-13 (Ue = 250 V , Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V degree of pollution 3 conforming to UL 508 300 V degree of pollution 3 conforming to CSA C22-2 No 14 400 V degree of pollution 3 conforming to IEC 60947-5-1
Resistance across terminals	≤ 25 mOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60664 4 kV conforming to IEC 60947-1
Short circuit protection	6 A by gG cartridge fuse
Electrical durability	5000000 cycles , DC-13 , 24 V , 3 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn 5000000 cycles , DC-13 , 48 V , 2 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn 5000000 cycles , DC-13 , 120 V , 1 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn
Mechanical durability	5000000 cycles
Width	30 mm
Height	50 mm
Depth	16 mm
Product weight	0.085 kg

Environment

Shock resistance	25 gn (duration = 18 ms) conforming to IEC 60068-2-27
Vibration resistance	5 gn (f = 10500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529
	IP67 conforming to IEC 60529 IP68 conforming to IEC 60529
IK degree of protection	IK06 conforming to EN 50102
Class of protection against electric shock	Class I conforming to NF C 20-030 Class I conforming to IEC 61140
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Protective treatment	TC
Product certifications	CCC CSA UL
Standards	CSA C22-2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant

