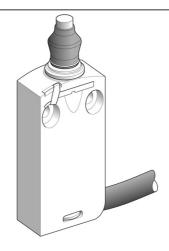
Product data sheet Characteristics

XCMD2111L1

limit switch XCMD - metal end plunger with nitrile boot - 1NO+1NC - snap - 1m



Main Range of product OsiSense XC Series name Standard format Product or component Limit switch type Device short name XCMD Sensor design Miniature Fixed Body type Head type Plunger head Material Metal Fixing mode By the body Movement of operating Linear head Type of operator Metal spring return roller plunger (with elastomer boot)

Number of poles	2
Contacts type and composition	1 NO + 1 NC
Contacts operation	Snap action
Positive opening	With
Minimum force for trip- ping	8.5 N
Maximum actuation	0.5 m/s

1 direction vertical approach

On end

Complementary

Complementary	
Body material	Zamak
Head material	Zamak
Electrical connection	Removable cable connector
Cable length	1 m
Cable composition	5 x 0.75 mm²
Wire insulation material	PvR
Contacts insulation form	Zb
Positive opening minimum force	42.5 N
Minimum actuation speed	0.01 m/min
Contact code designation	B300 , AC-15 (Ue = 240 V , le = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300 , DC-13 (Ue = 250 V , le = 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

Switch actuation

Type of approach

speed

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: \leq 60 cyc/ mn
Mechanical durability	10000000 cycles
Width	30 mm
Height	50 mm
Depth	16 mm
Product weight	0.18 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 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 60204-1 EN/IEC 60947-5-1
	111 500

UL 508

4Q2009

Will be compliant

RoHS EUR conformity date

RoHS EUR status

Mouser Electronics

Authorized Distributor

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Schneider Electric: XCMD2111L1