

# XCMD2110L1

limit switch XCMD - metal spring return  
plunger- 1 NO + 1 NC snap action



## Main

Range of product	Osiswitch
Series name	Universal
Product or component type	Limit switch
Device short name	XCMD
Sensor design	Miniature
Body type	Fixed
Head type	Plunger head
Material	Metal
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return plunger metal
Switch actuation	On end
Type of approach	Vertical approach 1 direction
Number of poles	2
Contacts type and composition	1 NO + 1 NC
Contacts operation	Snap action
Positive opening	With
Minimum force for tripping	8,5 N
Maximum actuation speed	0,5 m/s

## Complementary

Body material	Zamak
Head material	Zamak
Electrical connection	Removable cable connector
Cable length	1 m
Cable composition	5 x 0.75 mm <sup>2</sup>
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-15 240 V 1,5 A EN/IEC 60947-5-1 appendix A R300 DC-13 250 V 0,1 A EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V 3 UL 508 300 V 3 CSA C22-2 No 14 400 V 3 IEC 60947-5-1
Resistance across terminals	≤ 25 mOhm IEC 60255-7 category 3
[Uimp] 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 24 V 3 W ≤ 60 cyc/mn 0,5 IEC 60947-5-1 appendix C 5000000 cycles DC-13 48 V 2 W ≤ 60 cyc/mn 0,5 IEC 60947-5-1 appendix C 5000000 cycles DC-13 120 V 1 W ≤ 60 cyc/mn 0,5 IEC 60947-5-1 appendix C
Mechanical durability	10000000 cycles
Width	30 mm
Height	50 mm

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Depth	16 mm
Product weight	0,18 kg

## Environment

Shock resistance	25 gn 18 ms IEC 60068-2-27
Vibration resistance	5 gn 10...500 Hz IEC 60068-2-6
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP68 IEC 60529
IK degree of protection	IK06 EN 50102
Class of protection against electric shock	Class I NF C 20-030 Class I IEC 61140
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °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	2Q2009
RoHS EUR status	Will be compliant