

XCMD2102L1

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



Main

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|-------------------------------|------------------------------------|
| 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 roller plunger metal |
| Switch actuation | By 30° cam |
| Type of approach | Lateral approach 2 directions |
| Number of poles | 2 |
| Contacts type and composition | 1 NO + 1 NC |
| Contacts operation | Snap action |
| Positive opening | With |
| Minimum force for tripping | 7 N |
| Maximum actuation speed | 0,5 m/s |

Complementary

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| Body material | Zamak |
| Head material | Zamak |
| Electrical connection | Removable cable connector |
| Cable length | 1 m |
| Cable composition | 5 x 0.75 mm ² |
| Wire insulation material | PvR |
| Contacts insulation form | Zb |
| Positive opening minimum force | 35 N |
| 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-13 120 V 1 W ≤ 60 cyc/mn 0,5 IEC 60947-5-1 appendix C 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 |
| Mechanical durability | 10000000 cycles |
| Width | 30 mm |
| Height | 50 mm |
| Depth | 16 mm |
| Product weight | 0,185 kg |

Environment

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| 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 |