

Product data sheet

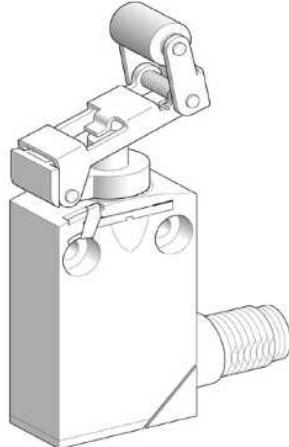
Characteristics

XCMD2124C12

limit switch XCMD - steel roller lever plunger retract. - 1NC+1NO - snap - M12



Product availability: Non-Stock - Not normally stocked in distribution facility



Main

| | |
|-------------------------------|--|
| Commercial Status | Commercialised |
| Range of product | OsiSense XC |
| Series name | Standard format |
| Product or component type | Limit switch |
| Device short name | XCMD |
| Sensor design | Miniature |
| Body type | Plug-in body |
| Head type | Plunger head |
| Material | Metal |
| Body material | Zamak |
| Head material | Zamak |
| Fixing mode | By the body |
| Movement of operating head | Linear |
| Type of operator | Spring return roller lever plunger metal (retractable) |
| Type of approach | Lateral approach 1 direction |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contacts operation | Snap action |

Complementary

| | |
|--|--|
| Switch actuation | By 30° cam |
| Electrical connection | Male connector M12, 5 pins |
| Contacts insulation form | Zb |
| Positive opening | With |
| Positive opening minimum force | 12.5 N |
| Minimum force for tripping | 2.5 N |
| Maximum actuation speed | 1.64 ft/s (0.5 m/s) |
| [Ie] rated operational current | 3 A at 50 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A 0.22 A at 50 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 4 A |
| [Ui] rated insulation voltage | 60 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 | 0.8 kV conforming to IEC 60947-1 0.8 kV conforming to IEC 60664 |
| Short circuit protection | 4 A by gG cartridge fuse |
| Electrical durability | 5000000 cycles, DC-13, 48 V, 2 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 24 V, 3 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability | 10000000 cycles |
| Width | 1.18 in (30 mm) |
| Height | 1.97 in (50 mm) |
| Depth | 0.63 in (16 mm) |
| Product weight | 0.23 lb(US) (0.105 kg) |

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Environment

| | |
|--|--|
| Shock resistance | 25 gn (duration = 18 ms) conforming to IEC 60068-2-27 |
| Vibration resistance | 5 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| IP degree of protection | IP68 conforming to IEC 60529 IP67 conforming to IEC 60529 IP66 conforming to IEC 60529 |
| IK degree of protection | IK06 conforming to EN 50102 |
| Class of protection against electric shock | Conforming to NF C 20-030 Conforming to IEC 61140 |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| Protective treatment | TC |
| Product certifications | CCC CSA UL |
| Standards | EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14 |

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 22418 - LIMIT SWITCH,IEC,XCKP&XCKT |
| Discount Schedule | T |
| GTIN | 00785901913283 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.70 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | ID |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 1002 -  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available  Download Product Environmental |
| Product end of life instructions | Available  Download End Of Life Manual |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

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[XCMD2124C12](#)