

XCMD2124L1

Limit switch, Limit switches XC Standard, XCMD, steel roller lever plunger retractable, 1NC+1 NO, snap, 1 m

Main

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| Range of Product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or Component Type | Limit switch |
| Device short name | XCMD |
| Sensor design | Miniature |
| Body type | Fixed |
| 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, 2 directions |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Snap action |

Complementary

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| Switch actuation | By 30° cam |
| Electrical connection | Removable cable connector |
| Cable length | 3.3 ft (1 m) |
| Cable composition | 5 x 0.75 mm ² |
| Wire insulation material | PvR |
| Contacts insulation form | Zb |
| Positive opening | With |
| Positive opening minimum force | 12.5 N |
| Minimum force for tripping | 2.5 N |
| Maximum actuation speed | 1.6 ft/s (0.5 m/s) |
| Contact code designation | B300, AC-15 (Ue = 240 V), Ie = 1.5 A IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 V 3)UL 508 400 V 3)IEC 60947-5-1 300 V 3)CSA C22.2 No 14 |
| Maximum 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 | 1.2 in (30 mm) |
| Height | 2.0 in (50 mm) |
| Depth | 0.6 in (16 mm) |
| Net Weight | 0.4 lb(US) (0.2 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 conforming to IEC 60529 IP67 conforming to IEC 60529 IP68 conforming to IEC 60529 |
| IK degree of protection | IK06 conforming to IEC 62262 |
| Overvoltage category | Class I IEC 61140 Class I NF C 20-030 |
| 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[RETURN]JUL[RETURN]CSA |
| Standards | CSA C22.2 No 14 IEC 60947-5-1 UL 508 IEC 60204-1 |


Ordering and shipping details

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| Category | US1000T22413 |
| Discount Schedule | 000T |
| GTIN | 3389110218442 |
| Returnability | Yes |
| Country of origin | ID |

Packing Units

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|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.00 in (2.54 cm) |
| Package 1 Width | 5.50 in (13.97 cm) |
| Package 1 Length | 8.00 in (20.32 cm) |
| Package 1 Weight | 11.3 oz (320 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 25 |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 Width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |
| Package 2 Weight | 11.100 lb(US) (5.035 kg) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 400 |
| Package 3 Height | 29.53 in (75 cm) |
| Package 3 Width | 15.75 in (40 cm) |
| Package 3 Length | 31.50 in (80 cm) |
| Package 3 Weight | 220.9 lb(US) (100.2 kg) |

Offer Sustainability

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| SCIP Number | C7ab7b2b-7016-4cde-a940-b96f3375503e |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| RoHS exemption information |  Yes |

Contractual warranty

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| Warranty | 18 months |
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