# Product data sheet
## Characteristics

# XCMD2515L1
## limit switch XCMD - thermoplastic roller lever - 1NC+1NO - slow - 1 m



## Main

| | |
|---|---|
| Range of product | OsiSense XC |
| Series name | Standard format |
| Product or component type | Limit switch |
| Device short name | XCMD |
| Sensor design | Miniature |
| Body type | Fixed |
| Head type | Rotary head |
| Material | Metal |
| Body material | Zamak |
| Head material | Zamak |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Spring return roller lever thermoplastic |
| Type of approach | Lateral approach 2 directions |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contacts operation | Slow-break |

## Complementary

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|---|---|
| Tracks | 24/31 mm |
| Switch actuation | By 30° cam |
| 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 | With |
| Positive opening minimum force | 0.5 N |
| Minimum force for tripping | 0.1 N |
| Maximum actuation speed | 1.5 m/s |
| Contact code designation | R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A<br>B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 V degree of pollution 3 conforming to CSA C22.2 No 14<br>400 V degree of pollution 3 conforming to IEC 60947-5-1<br>300 V degree of pollution 3 conforming to UL 508 |
| Resistance across terminals | <= 25 MOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-1<br>4 kV conforming to IEC 60664 |
| Short circuit protection | 6 A by gG cartridge fuse |

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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|---|---|
| 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<br>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<br>5000000 cycles, DC-13, 120 V, 1 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability | 10000000 cycles |
| Width | 30 mm |
| Height | 50 mm |
| Depth | 16 mm |
| Product weight | 0.22 kg |

## Environment

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|---|---|
| Shock resistance | 25 gn (duration = 18 ms) conforming to IEC 60068-2-27 |
| Vibration resistance | 25 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| IP degree of protection | IP68 conforming to IEC 60529<br>IP67 conforming to IEC 60529<br>IP66 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<br>Class I conforming to IEC 61140 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Protective treatment | TC |
| Product certifications | CCC<br>CSA<br>UL |
| Standards | EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14 |

## Offer Sustainability

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|---|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 1002 - Schneider Electric declaration of conformity |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |