



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



Main

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|-------------------------------|------------------------------------|
| 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 | 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 plunger metal |
| 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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| Switch actuation | By 30° cam |
| Electrical connection | Removable cable connector |
| Cable length | 3.28 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 | 35 N |
| Minimum force for tripping | 7 N |
| Maximum actuation speed | 1.64 ft/s (0.5 m/s) |
| Contact code designation | R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A 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 14 400 V degree of pollution 3 conforming to IEC 60947-5-1 300 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 4 kV conforming to IEC 60664 |
| Short circuit protection | 6 A by gG cartridge fuse |

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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 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 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 | 1.18 in (30 mm) |
| Height | 1.97 in (50 mm) |
| Depth | 0.63 in (16 mm) |
| Product weight | 0.41 lb(US) (0.185 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 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

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|-----------------------|---|
| Category | 22418 - LIMIT SWITCH,IEC,XCKP&XCKT |
| Discount Schedule | T |
| GTIN | 00785901487630 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.70 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | Y |
| 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 |
|--------|-----------|

Mouser Electronics

Authorized Distributor

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