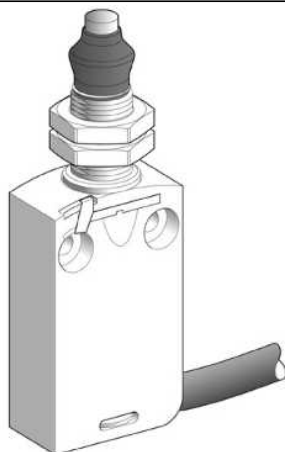


# XCMD21G1L1

limit switch XCMD - M16 booted nitrile end  
plunger - 1NC+1NO - snap - 1 m



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                     | Fixed                                                    |
| Head type                     | M16 plunger head                                         |
| Material                      | Metal                                                    |
| Body material                 | Zamak                                                    |
| Head material                 | Zamak                                                    |
| Fixing mode                   | By the head                                              |
| Movement of operating head    | Linear                                                   |
| Type of operator              | Spring return roller plunger metal (with elastomer boot) |
| Type of approach              | Vertical approach                                        |
| Number of poles               | 2                                                        |
| Contacts type and composition | 1 NC + 1 NO                                              |
| Contacts operation            | Snap action                                              |

## Complementary

|                                        |                                                                                                                                                                          |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch actuation                       | On end                                                                                                                                                                   |
| Electrical connection                  | Removable cable connector                                                                                                                                                |
| Cable length                           | 3.28 ft (1 m)                                                                                                                                                            |
| Cable composition                      | 5 x 0.75 mm <sup>2</sup>                                                                                                                                                 |
| Wire insulation material               | PvR                                                                                                                                                                      |
| Contacts insulation form               | Zb                                                                                                                                                                       |
| Positive opening                       | With                                                                                                                                                                     |
| Positive opening minimum force         | 42.5 N                                                                                                                                                                   |
| Minimum force for tripping             | 8.5 N                                                                                                                                                                    |
| Minimum actuation speed                | 0.01 m/min                                                                                                                                                               |
| 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<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                                                                                                                                                 |

|                       |                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                 | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                                                                |
| Height                | 1.97 in (50 mm)                                                                                                                                                                                                                                                                                                                                                                |
| Depth                 | 0.63 in (16 mm)                                                                                                                                                                                                                                                                                                                                                                |
| Product weight        | 0.49 lb(US) (0.22 kg)                                                                                                                                                                                                                                                                                                                                                          |

## 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<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 | Conforming to NF C 20-030<br>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<br>CSA<br>UL                                                                             |
| Standards                                  | EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14                              |

## Ordering and shipping details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Category              | 22418 - LIMIT SWITCH,IEC,XCKP&XCKT                        |
| Discount Schedule     | T                                                         |
| GTIN                  | 003389110220025                                           |
| 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 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Available <a href="#">Download End Of Life Manual</a>                                 |

## Contractual warranty

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

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