



Price\* : 60.99 GBP



## 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                     | Plunger head                       |
| Material                      | Plastic                            |
| Body material                 | Plastic                            |
| 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                        |
| Contact operation             | Snap action                        |

## Complementary

|                          |                          |
|--------------------------|--------------------------|
| Switch actuation         | By 30° cam               |
| Electrical connection    | Fixed cable              |
| Cable length             | 5 m                      |
| Cable composition        | 4 x 0.75 mm <sup>2</sup> |
| 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                | 0.5 m/s   |
| Contact code designation               | B300, AC-15 (Ue = 240 V), Ie = 1.5 A conforming to EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A  |
| [Ui] rated insulation voltage          | 300 V (pollution degree 3) conforming to UL 508<br>400 V (pollution degree 3) conforming to IEC 60947-5-1<br>300 V (pollution degree 3) conforming to CSA C22.2 No 14   |
| Maximum resistance across terminals    | 25 MOhm conforming to IEC 60255-7 category 3  |
| [Uimp] rated impulse withstand voltage | 4 kV IEC 60664<br>4 kV IEC 60947-1  |
| Short-circuit protection               | 6 A cartridge fuse, type gG   |
| Electrical durability                  | 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<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, 48 V, 2 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability                  | 5000000 cycles  |
| Width                                  | 30 mm   |
| Height                                 | 70.4 mm   |
| Depth                                  | 16 mm   |
| Product weight                         | 0.08 kg   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Shock resistance                      | 25 gn for 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               | IP65 conforming to IEC 60529   |
| IK degree of protection               | IK04 conforming to EN 50102  |
| Electrical shock protection class     | Class II conforming to IEC 61140<br>Class II conforming to NF C 20-030 |
| Ambient air temperature for operation | -25...70 °C  |
| Ambient air temperature for storage   | -40...70 °C  |
| Protective treatment                  | TC   |
| Product certifications                | UL<br>CSA<br>CCC   |
| Standards                             | UL 508<br>EN/IEC 60947-5-1<br>EN/IEC 60204-1<br>CSA C22.2 No 14        |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End of Life Information</a>   |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|