



### Main

|                               |                                        |
|-------------------------------|----------------------------------------|
| Commercial Status             | Commercialised                         |
| Range of product              | OsiSense XC                            |
| Series name                   | Standard format                        |
| Product or component type     | Limit switch                           |
| Device short name             | XCNT                                   |
| Sensor design                 | Compact                                |
| Body type                     | Fixed                                  |
| Head type                     | Multi-directional head                 |
| Material                      | Plastic                                |
| Body material                 | Plastic                                |
| Head material                 | Plastic                                |
| Fixing mode                   | By the body                            |
| Movement of operating head    | Multi-directional                      |
| Type of operator              | Spring return spring rod               |
| Type of approach              | Multi-directional approach             |
| Cable entry                   | 2 entries tapped for Pg 11 cable gland |
| Number of poles               | 2                                      |
| Contacts type and composition | 2 NC                                   |
| Contacts operation            | Slow-break, simultaneous               |

### Complementary

|                                        |                                                                                                                                                                              |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch actuation                       | By any moving part                                                                                                                                                           |
| Electrical connection                  | Screw-clamp open terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>                                                                                            |
| Contacts insulation form               | Zb                                                                                                                                                                           |
| Positive opening                       | With                                                                                                                                                                         |
| Minimum torque for tripping            | 1.15 lbf.in (0.13 N.m)                                                                                                                                                       |
| Maximum actuation speed                | 3.28 ft/s (1 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>A300, AC-15 (Ue = 240 V, Ie = 3 A) , Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage          | 300 V conforming to CSA C22.2 No 14<br>500 V degree of pollution 3 conforming to IEC 60947-1<br>300 V conforming to UL 508                                                   |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1<br>6 kV conforming to IEC 60664                                                                                                               |
| Short circuit protection               | 10 A cartridge fuse type gG                                                                                                                                                  |
| Mechanical durability                  | 5000000 cycles                                                                                                                                                               |
| Width                                  | 2.31 in (58.8 mm)                                                                                                                                                            |
| Height                                 | 6.93 in (176 mm)                                                                                                                                                             |
| Depth                                  | 1.2 in (30.5 mm)                                                                                                                                                             |

## Environment

|                                            |                                                                 |
|--------------------------------------------|-----------------------------------------------------------------|
| Shock resistance                           | 20 gn (duration = 11 ms) conforming to IEC 60068-2-27           |
| Vibration resistance                       | 10 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                                     |
| Class of protection against electric shock | Class II conforming to NF C 20-030<br>Class II                  |
| 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              | 22435 - LIMIT SWITCHES,TYPE XCM                           |
| Discount Schedule     | T                                                         |
| GTIN                  | 003389119047593                                           |
| Nbr. of units in pkg. | 8                                                         |
| Package weight(Lbs)   | 0.26                                                      |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N                                                         |
| Country of origin     | ID                                                        |

## Offer Sustainability

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status      | Not Green Premium product                                                             |
| RoHS                          | Compliant - since 1024 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                         | Reference not containing SVHC above the threshold                                     |
| Product environmental profile | Available                                                                             |

## Contractual warranty

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

# Mouser Electronics

Authorized Distributor

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