

Product data sheet

Characteristics

XCDR2527N12

limit switch XCDR - th.plastic roller lever plung.
Ver - 1NC+1NO - slow - 1/2NPT



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 | XCDR |
| Sensor design | Compact |
| Reset | With |
| 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 lever plunger thermoplastic |
| Type of approach | Vertical approach |
| Cable entry | 1 entry tapped for 1/2" NPT cable gland |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contacts operation | Slow-break, break before make |

Complementary

| | |
|--|--|
| Switch actuation | By 30° cam |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm ² |
| Contacts insulation form | Zb |
| Positive opening | With |
| Positive opening minimum force | 18 N |
| Minimum force for tripping | 6 N |
| Maximum actuation speed | 3.28 ft/s (1 m/s) |
| Repeat accuracy | 0.1 mm on the tripping points with 1 million operating cycles |
| Contact code designation | Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A 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 14 500 V degree of pollution 3 conforming to IEC 60947-1 500 V degree of pollution 3 conforming to EN 60947-1 300 V conforming to UL 508 |
| Resistance across terminals | <= 25 MOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664 |
| Short circuit protection | 10 A by gG cartridge fuse |
| Width | 1.22 in (31 mm) |
| Height | 2.56 in (65 mm) |

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| | |
|-------------------------------|------------------------|
| Depth | 1.18 in (30 mm) |
| Product weight | 0.5 lb(US) (0.225 kg) |
| Terminals description ISO n°1 | (13-14)NO (21-22)NC |

Environment

| | |
|--|---|
| Shock resistance | 50 gn (duration = 11 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 | IP67 conforming to IEC 60529 IP66 conforming to IEC 60529 |
| IK degree of protection | IK04 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 | CSA UL |
| Standards | EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14 |

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 22418 - LIMIT SWITCH,IEC,XCKP&XCKT |
| Discount Schedule | T |
| GTIN | 003389110213911 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.70 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | MX |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 1103 -  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 | Need no specific recycling operations |

Contractual warranty

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

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