

Product data sheet

Characteristics

XCNTR2518P16

limit switch XCNTR - thermoplastic roller lever - 1NC+1NO - slow - M16

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 | XCNTR |
| Sensor design | Compact |
| Reset | With |
| Body type | Fixed |
| Head type | Rotary head |
| Material | Plastic |
| Body material | Plastic |
| Head material | Plastic |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Spring return roller lever thermoplastic |
| Type of approach | Lateral approach 2 directions |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contacts operation | Slow-break, break before make |

Complementary

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|--|--|
| Switch actuation | By 30° cam |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ² |
| Cable entry | 2 entry tapped for M16 x 1.5 cable gland |
| Contacts insulation form | Zb |
| Positive opening | With |
| Positive opening minimum torque | 1.33 lbf.in (0.15 N.m) |
| Minimum torque for tripping | 0.88 lbf.in (0.1 N.m) |
| Maximum actuation speed | 4.92 ft/s (1.5 m/s) |
| Contact code designation | R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A 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 EN/IEC 60947-1 300 V conforming to UL 508 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664 |
| Short circuit protection | 10 A cartridge fuse type gG |
| Mechanical durability | 100000 cycles |
| Width | 2.31 in (58.8 mm) |
| Height | 4.57 in (116.1 mm) |

Environment

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|--|---|
| 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 | 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 20030 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 CSA UL |
| Standards | EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14 |

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 22435 - LIMIT SWITCHES,TYPE XCM |
| Discount Schedule | T |
| GTIN | 003389119047913 |
| Nbr. of units in pkg. | 10 |
| Package weight(Lbs) | 0.30 |
| 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 -  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available  Download Product Environmental |

Contractual warranty

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

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