

# XCSD3719N12

Safety limit switch, Telemecanique Safety switches XCS, metal, rotary lever, 2NC + 1 NO, 1 entry tapped 1/2" NPT



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 129.00 USD



## Main

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Range of Product              | Telemecanique Safety switches XCS                                    |
| Product or Component Type     | Safety limit switch                                                  |
| Component name                | XCSD                                                                 |
| Design                        | Compact                                                              |
| Material                      | Metal                                                                |
| Head type                     | Rotary head                                                          |
| Protection technology         | Plastic protective cover, secured by 5-lobe socket head safety screw |
| Type of operator              | Steel roller lever                                                   |
| Contacts type and composition | 1 NC + 1 NC + 1 NO                                                   |
| Contact operation             | Slow-break, break before make                                        |
| Cable entry                   | 1 entry tapped 1/2" NPT                                              |

## Complementary

|                                              |                                                                                                                                      |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Connection                        | Terminal                                                                                                                             |
| Clamping Connection Capacity                 | 1 x 0.34...2 x 0.75 mm <sup>2</sup>                                                                                                  |
| Switch actuation                             | By 30° cam                                                                                                                           |
| Number of poles                              | 3                                                                                                                                    |
| Positive opening                             | With NC contact                                                                                                                      |
| Mechanical durability                        | 10000000 Cycles                                                                                                                      |
| Minimum torque for tripping                  | 0.89 Lbf.In (0.1 N.m)                                                                                                                |
| Positive opening minimum torque              | 2.21 Lbf.In (0.25 N.m)                                                                                                               |
| Maximum actuation speed                      | 4.92 Ft/S (1.5 m/s)                                                                                                                  |
| Contact code designation                     | B300, AC-15 (Ue = 240 V, Ie = 1.5 A)/EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V, Ie = 0.1 A)/EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 6 A                                                                                                                                  |
| [Ui] rated insulation voltage                | 300 VUL 508<br>400 V 3)/EN/IEC 60947-1<br>300 VCSA C22.2 No 14                                                                       |

|                                        |                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage | 4 KV EN/IEC 60947-1<br>4 KV IEC 60664                                           |
| Maximum resistance across terminals    | 25 MOhm conforming to IEC 60255-7 category 3                                    |
| Short-circuit protection               | 6 A cartridge fuse gG (gl)                                                      |
| Repeat accuracy                        | 0.1 mm on tripping points, 1 million operating cycles for head with end plunger |
| Body Material                          | Zamak                                                                           |
| Head material                          | Zamak                                                                           |
| Enclosure Material                     | Plastic                                                                         |
| Maximum Depth                          | 1.38 In (35 mm)                                                                 |
| Maximum Height                         | 4.80 In (122 mm)                                                                |
| Maximum Width                          | 1.34 In (34 mm)                                                                 |
| Net Weight                             | 0.49 Lb(US) (0.22 kg)                                                           |

## Environment

|                                       |                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN 1088/ISO 14119<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>UL 508<br>EN/IEC 60204-1                                                                                                                                                                                                                             |
| Product Certifications                | CSA<br>UL                                                                                                                                                                                                                                                                                                        |
| Safety level                          | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly-wired IEC 61508 |
| Safety reliability data               | B10d = 50000000 value given for a life time of 20 years limited by mechanical or contact wear                                                                                                                                                                                                                    |
| Protective treatment                  | TC                                                                                                                                                                                                                                                                                                               |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C)                                                                                                                                                                                                                                                                                       |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                                                                                                                                                                                                                                                                                       |
| Vibration resistance                  | 25 gn 10...500 Hz)IEC 60068-2-6                                                                                                                                                                                                                                                                                  |
| Shock resistance                      | 50 gn 11 ms IEC 60068-2-27                                                                                                                                                                                                                                                                                       |
| Electrical shock protection class     | Class I NF C 20-030<br>Class I conforming to EN/IEC 61140                                                                                                                                                                                                                                                        |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67 conforming to IEC 60529                                                                                                                                                                                                                                                     |
| IK degree of protection               | IK06 conforming to EN 50102                                                                                                                                                                                                                                                                                      |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 03389110242805                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 9.28 Oz (263 g)                 |
| Returnability         | No                              |
| Country of origin     | FR                              |

## Packing Units

|                        |                   |
|------------------------|-------------------|
| Unit Type of Package 1 | PCE               |
| Package 1 Height       | 4.13 In (10.5 cm) |
| Package 1 width        | 1.30 In (3.3 cm)  |
| Package 1 Length       | 1.69 In (4.3 cm)  |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                            |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                                                                |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                                                                   |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                              |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                                                                                                              |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                    |

## Contractual warranty

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

|                       |                |
|-----------------------|----------------|
| Product Life Status : | Commercialised |
|-----------------------|----------------|