

XCMV2115D44

Limit switch, Limit switches XC Standard, XCMD, plastic lever, 1NC+1 NO, snap, DT04 4P



Main

| | |
|-------------------------------|------------------------------------------|
| Range of product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or component type | Limit switch |
| Device short name | XCMD |
| Sensor design | Miniature |
| Body type | Plug-in body |
| Head type | Rotary head |
| Material | Metal |
| Body material | Zamak |
| Head material | Zamak |
| 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 |
| Contact operation | Snap action |

Complementary

| | |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Tracks | 24/31 mm |
| Switch actuation | By 30° cam |
| Electrical connection | Male connector DT04-4P, 4 pins |
| Contacts insulation form | Zb |
| Positive opening | With |
| Positive opening minimum force | 0.5 N |
| Minimum force for tripping | 0.1 N |
| Maximum actuation speed | 1.5 m/s |
| [Ie] rated operational current | 1 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A 3 A at 24 V, AC-14 |
| [Ithe] conventional enclosed thermal current | 6 A |
| [Ui] rated insulation voltage | 36 V (pollution degree 3) conforming to IEC 60947-5-1 |
| Maximum resistance across terminals | 25 mOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | IEC 60664 0.8 kV IEC 60947-1 0.8 kV |
| Short-circuit protection | 6 A cartridge fuse, type gG |
| Electrical durability | 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 |
| Mechanical durability | 10000000 cycles |
| Width | 30 mm |
| Height | 110 mm |
| Depth | 38 mm |
| Net weight | 0.13 kg |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 | IP66 conforming to IEC 60529 IP69 conforming to IEC 60529 |
| IK degree of protection | IK06 conforming to EN 62262 |
| Electrical shock protection class | Class III conforming to IEC 61140 Class III 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 | CURus CCC |
| Standards | UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60204-1 |

Packing Units

| | |
|------------------|----------|
| Package 1 Weight | 0.129 kg |
| Package 1 Height | 5.300 dm |
| Package 1 width | 3.300 dm |
| Package 1 Length | 9.500 dm |

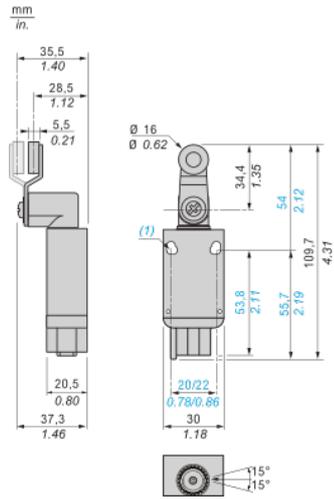
Offer Sustainability

| | |
|----------------------------|------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

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

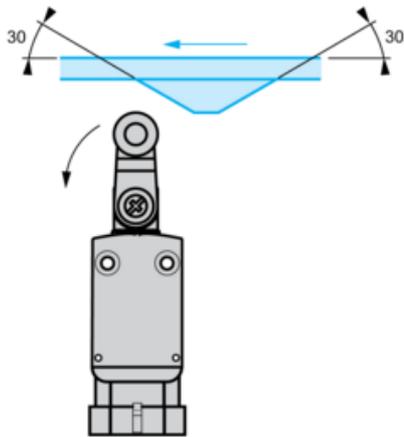
Dimensions



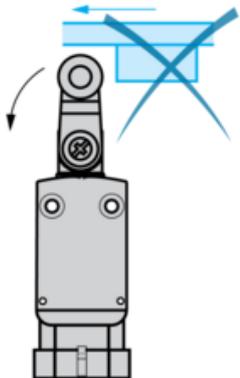
(1) : 2 elongated holes Ø 4.3 x 6.3 mm on 22 mm centers or 2 holes Ø 4.3 on 20 mm centers.

Mounting with Roller Lever

Recommended Mounting



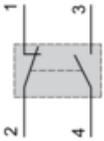
Mounting to be Avoided



Connections and Schema

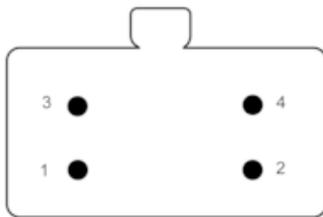
Wiring Diagram

2-pole NC + NO Snap Action



Connections and Schema

Deutsch DT04-4P Male Connector

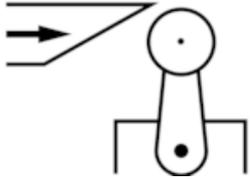


- 1 : NC
- 2 : NC
- 3 : NO
- 4 : NO

Technical Description

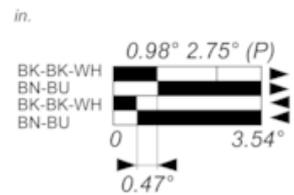
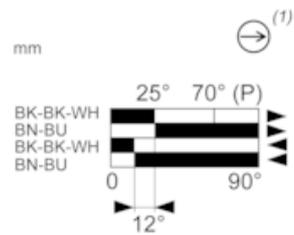
Characteristics of Actuation

Switch Actuation by 30° cam



Technical Description

Functional Diagram, Travel Distance



- (2)
- (3)
- ▶ (4)
- ◀ (5)

- (P) : Positive opening point
- (1) : NC contact with positive opening operation
- (2) : Closed
- (3) : Open
- (4) : Tripping
- (5) : Resetting
- BK : Black
- BK-WH : Black White
- BU : Blue
- BN : Brown