



## Main

|                           |                  |
|---------------------------|------------------|
| Range of product          | 9007             |
| Series name               | Miniature potted |
| Product or component type | Limit switch     |
| Device short name         | 9007MS/ML        |
| Sensor design             | Miniature        |
| Body type                 | Fixed            |
| Head type                 | Rotary head      |
| Material                  | Metal            |
| Body material             | Cast zinc        |
| Number of poles           | 1                |

## Complementary

|                                              |                                                                                                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Fixing mode                                  | By the body                                                                                                   |
| Movement of operating head                   | Rotary                                                                                                        |
| Type of operator                             | Spring return without operating lever (-)                                                                     |
| Type of approach                             | Lateral approach 2 directions                                                                                 |
| Switch actuation                             | From left and right<br>CW and CCW                                                                             |
| Contacts type and composition                | NC-NO                                                                                                         |
| Switch function                              | SPDT                                                                                                          |
| Contact form                                 | Form C                                                                                                        |
| Contacts material                            | Gold flashed contacts                                                                                         |
| Contact operation                            | Snap action                                                                                                   |
| Positive opening                             | Without                                                                                                       |
| Electrical connection                        | Pre-wired cable bottom                                                                                        |
| Type of cable                                | SJTO cable (AWG 18), 9 ft, yellow                                                                             |
| Terminals description ISO n°1                | (green-yellow)gnd<br>(black)com<br>(white)NO<br>(red)NC                                                       |
| Wire insulation material                     | PVC                                                                                                           |
| Minimum torque for tripping                  | 48 ozf.in                                                                                                     |
| Maximum actuation speed                      | 90 ft/min with 45° cam angle, levers only<br>130 ft/min with 30° cam angle, levers only                       |
| Tripping angle                               | 35 °                                                                                                          |
| Maximum displacement angle                   | 70 °                                                                                                          |
| [Ie] rated operational current               | 100 mAat 125 V AC<br>30 mAat 28 V DC                                                                          |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                          |
| [Ui] rated insulation voltage                | 300 V degree of pollution 3 conforming to UL 508<br>300 V degree of pollution 3 conforming to CSA C22.2 No 14 |
| Electrical durability                        | 100000 cycles                                                                                                 |
| Mechanical durability                        | 10000000 cycles                                                                                               |
| Marking                                      | CE<br>CSA<br>UL                                                                                               |
| Sale per indivisible quantity                | 1                                                                                                             |
| Height                                       | 2.49 in                                                                                                       |
| Width                                        | 1.56 in                                                                                                       |
| Depth                                        | 0.62 in                                                                                                       |
| Product weight                               | 1.2 lb(US)                                                                                                    |

## Environment

|                                       |                                                                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| shock resistance                      | 35 gn (duration = 9 ms) conforming to IEC 60068-2-27                                                                                                                                        |
| vibration resistance                  | 10 gn (f = 75...1200 Hz) conforming to IEC 60068-2-6                                                                                                                                        |
| NEMA degree of protection             | NEMA 1 conforming to Nema type 250<br>NEMA 2 conforming to Nema type 250<br>NEMA 4 conforming to Nema type 250<br>NEMA 6 conforming to Nema type 250<br>NEMA 6P conforming to Nema type 250 |
| IP degree of protection               | IP67 conforming to IEC 60529                                                                                                                                                                |
| ambient air temperature for operation | -40...220 °F                                                                                                                                                                                |
| ambient air temperature for storage   | -40...220 °F                                                                                                                                                                                |
| protective treatment                  | Epoxy powder coat                                                                                                                                                                           |
| product certifications                | CE<br>CSA<br>UL                                                                                                                                                                             |
| standards                             | LR 25490 Class 32 11 03<br>E78403                                                                                                                                                           |

## Offer Sustainability

|                                                                                                                           |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Not Green Premium product                                                                                                 | Not Green Premium product                                                                                                 |
| Will not be Compliant                                                                                                     | Will not be Compliant                                                                                                     |
| Reference not containing SVHC above the threshold                                                                         | Reference not containing SVHC above the threshold                                                                         |
| Available                                                                                                                 | Available                                                                                                                 |
| Need no specific recycling operations                                                                                     | Need no specific recycling operations                                                                                     |
| WARNING: This product can expose you to chemicals including:                                                              | WARNING: This product can expose you to chemicals including:                                                              |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                               | 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. | 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>                             | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                             |

## Contractual warranty

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

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9