



### 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                 | Plunger head     |
| Material                  | Metal            |
| Body material             | Cast zinc        |
| Number of poles           | 1                |

### Complementary

|  |  |
|--|--|
| Fixing mode                                  | By the body  |
| Movement of operating head                   | Linear   |
| Type of operator                             | Spring return parallel roller plunger steel (-)  |
| Type of approach                             | Lateral approach 2 directions  |
| Switch actuation                             | By 30° cam   |
| Contacts type and composition                | NC-NO  |
| Switch function                              | SPDT   |
| Contact form                                 | Form C   |
| Contacts material                            | Silver contacts  |
| Contacts operation                           | Snap action  |
| Positive opening                             | Without  |
| Electrical connection                        | Pre-wired cable bottom   |
| Type of cable                                | SJTO cable (AWG 18), 3 ft, yellow  |
| Terminals description ISO n°1                | (green-yellow)gnd<br>(black)com<br>(white)NO<br>(red)NC  |
| Wire insulation material                     | PVC  |
| Maximum force for tripping                   | 80 ozf   |
| [Ie] rated operational current               | 6 A at 120 V AC, A300 conforming to NEMA rating designation<br>3 A at 240 V AC, A300 conforming to NEMA rating designation<br>5 A at 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                                       | 1.75 in  |
| Width  | 1.56 in  |
| Depth  | 0.62 in  |
| Product weight                               | 1.2 lb(US)   |

The information provided in this documentation contains general descriptions and/or technical characteristics 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                      | 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

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1150 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations                                 |