



### 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 (booted)  |
| 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                            | Gold flashed contacts   |
| Contact operation                            | Snap action   |
| Positive opening                             | Without   |
| Electrical connection                        | Pre-wired cable bottom  |
| Type of cable                                | SJTO cable (AWG 16), 6 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               | 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                                       | 1.75 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 60529     |

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.

|                                       |   |
|---------------------------------------|---|
| 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                                |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl 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 |
|-----------------|-----------|