



### 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), 9 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               | 5 A at 28 V DC<br>3 A at 240 V AC, A300 conforming to NEMA rating designation<br>6 A at 120 V AC, A300 conforming to NEMA rating designation |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                         |
| [Ui] rated insulation voltage                | 300 V degree of pollution 3 conforming to CSA C22.2 No 14<br>300 V degree of pollution 3 conforming to UL 508                                |
| 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 60068-2-6                                                                                                                                        |
| NEMA degree of protection             | NEMA 6P conforming to Nema type 250<br>NEMA 6 conforming to Nema type 250<br>NEMA 4 conforming to Nema type 250<br>NEMA 2 conforming to Nema type 250<br>NEMA 1 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                             | Compliant - since 1150 - <a href="#">Schneider Electric declaration of conformity</a> |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Need no specific recycling operations                                                 |