



### 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 plunger stainless steel (low force)           |
| Type of approach               | Vertical approach 1 direction                               |
| Switch actuation               | On end  |
| Contacts type and composition  | NC-NO   |
| Switch function                | SPDT  |
| Contact form                   | Form C  |
| Contacts material              | Silver contacts   |
| Contact operation              | Snap action   |
| Positive opening               | Without   |
| Electrical connection          | Pre-wired cable side  |
| 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     | 18 ozf  |
| [Ie] rated operational current | 6 A at 120 V AC, A300 conforming to NEMA rating designation |

Disclaimer: 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

3 A at 240 V AC, A300 conforming to NEMA rating designation  
5 A at 28 V DC

|  |   |
|--|---|
| [Ithe] conventional enclosed thermal current | 10 A  |
| [U] 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 60529     |
| NEMA degree of protection             | NEMA 1 conforming to Nema type 250                   |
| IP degree of protection               | IP20 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

|                                  |  |
|----------------------------------|--|
| RoHS (date code: YYWW)           | Will not be compliant<br>Will not be compliant   |
| REACH                            | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |
| Product environmental profile    | Available  |
| Product end of life instructions | Need no specific recycling operations  |

### Contractual warranty

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