



### 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                 | Multi-directional head |
| Material                  | Metal                  |
| Body material             | Cast zinc              |
| Number of poles           | 1                      |

### Complementary

|                                              |                                                                                                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Fixing mode                                  | By the body                                                                                                   |
| Movement of operating head                   | Multi-directional                                                                                             |
| Type of operator                             | Spring return wire whisker steel (-)                                                                          |
| Type of approach                             | Multi-directional approach                                                                                    |
| Switch actuation                             | By any moving part                                                                                            |
| 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                                                                                                           |
| Maximum force for tripping                   | 15 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     |

|                                       |                                                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------|
| NEMA degree of protection             | NEMA 1 conforming to Nema type 250<br>NEMA 12 conforming to Nema type 250<br>NEMA 13 conforming to Nema type 250 |
| IP degree of protection               | IP54 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 |
|-----------------|-----------|