# Product data sheet
## Characteristics

# 9007MS10S0200
## Limit switch, 9007, 240 VAC 10amp ms +options




### 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

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|---|---|
| Fixing Mode | By the body |
| Movement of operating head | Linear |
| Type of operator | Spring return plunger stainless steel booted |
| 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 bottom |
| Type of cable | SJTO AWG 18), 6 ft (1.83 m), Yellow |
| Terminals description ISO n°1 | (White)NO<br>(Black)Com<br>(Green-yellow)Gnd<br>(red)NC |
| Wire insulation material | PVC |
| Maximum force for tripping | 80 ozf |
| [Ie] rated operational current | 6 A 120 V AC, A300 NEMA rating designation<br>3 A 240 V AC, A300 NEMA rating designation<br>5 A 28 V DC |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 300 V 3)UL 508<br>300 V 3)CSA C22.2 No 14 |
| Electrical durability | 100000 cycles |
| Mechanical durability | 10000000 cycles |
| Marking | CSA<br>CE<br>UL |
| Sale per indivisible quantity | 1 |
| Height | 1.75 in (44.45 mm) |
| Width | 1.56 in (39.62 mm) |
| Depth | 0.62 in (15.75 mm) |
| Net Weight | 1.2 lb(US) (0.54 kg) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.
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## Environment

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|---|---|
| Shock resistance | 35 gn 9 ms IEC 60068-2-27 |
| Vibration resistance | 10 gn 75…1200 Hz)IEC 60068-2-6 |
| NEMA degree of protection | NEMA 1 Nema type 250<br>NEMA 2 Nema type 250<br>NEMA 4 Nema type 250<br>NEMA 6 Nema type 250<br>NEMA 6P Nema type 250 |
| IP degree of protection | IP67 conforming to IEC 60529 |
| Ambient Air Temperature for Operation | -40…220 °F (-40…104 °C) |
| Ambient Air Temperature for Storage | -40…220 °F (-40…104 °C) |
| Protective treatment | Epoxy powder coat |
| Product Certifications | UL<br>CSA<br>CE |
| Standards | LR 25490 Class 32 11 03<br>E78403 |

## Ordering and shipping details

| | |
|---|---|
| Category | 22431-LIMIT SWITCHES,TYPE 9007MS |
| Discount Schedule | DS1 |
| GTIN | 785901146391 |
| Returnability | No |
| Country of origin | MX |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.81 in (9.677 cm) |
| Package 1 Width | 1.50 in (3.81 cm) |
| Package 1 Length | 9.68 in (24.581 cm) |
| Package 1 Weight | 19.20 oz (544.311 g) |

## Offer Sustainability

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|---|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: 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. For more information go to www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure | Product Environmental Profile |

## Contractual warranty

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| Warranty | 18 months |