



Main

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|---------------------------|------------------|
| 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 - |
| 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), 9 ft (2.74 m), Yellow |
| Terminals description ISO n°1 | (Green-yellow)Gnd (Red)NC (White)NO (black)com |
| Wire insulation material | PVC |
| Maximum force for tripping | 80 ozf |
| [Ie] rated operational current | 6 A 120 V AC, A300 NEMA rating designation 3 A 240 V AC, A300 NEMA rating designation 5 A 28 V DC |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 300 V 3)UL 508 300 V 3)CSA C22.2 No 14 |
| Electrical durability | 100000 cycles |
| Mechanical durability | 10000000 cycles |
| Marking | CSA UL CE |
| 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) |

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 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 6 Nema type 250 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 | CSA UL CE |
| Standards | LR 25490 Class 32 11 03 E78403 |

Ordering and shipping details

| | |
|-------------------|----------------------------------|
| Category | 22431-LIMIT SWITCHES,TYPE 9007MS |
| Discount Schedule | DS1 |
| GTIN | 785901550594 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.50 in (3.81 cm) |
| Package 1 Width | 7.50 in (19.05 cm) |
| Package 1 Length | 7.50 in (19.05 cm) |
| Package 1 Weight | 16.32 oz (462.664 g) |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 15 |
| Package 2 Height | 10.00 in (25.4 cm) |
| Package 2 Width | 12.30 in (31.242 cm) |
| Package 2 Length | 15.50 in (39.37 cm) |
| Package 2 Weight | 16.48 lb(US) (7.475 kg) |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
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Mouser Electronics

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