# Product data sheet
## Characteristics

# 9007ML03S0100
## LIMIT SWITCH 240VAC 10AMP ML +OPTIONS




### 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 cross roller plunger steel (-) |
| Type of approach | Traverse approach 2 directions |
| Switch actuation | By 30° cam |
| Contacts type and composition | NC-NO |
| Switch function | SPDT-DB |
| Contact form | Form Z |
| Contacts material | Silver contacts |
| Contacts operation | Snap action |
| Positive opening | Without |
| Electrical connection | Pre-wired cable bottom |
| Type of cable | SJTO cable (AWG 18), 3 ft, yellow |
| Terminals description ISO n°1 | (Black-orange)NO<br>(Red-white)NC<br>(Green-yellow)Gnd |
| 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) |

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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.
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## Environment

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|---|---|
| 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

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|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1150 - Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Need no specific recycling operations |

## Contractual warranty

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|---|---|
| Period | 18 months |