

Product data sheet

Specifications



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

9007MS01S0206

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 side |
| Type of cable | SJTO cable (AWG 18), 1.83 m, yellow |
| Terminals description ISO n°1 | (red)NC (black)com (white)NO (green-yellow)gnd |
| Wire insulation material | PVC |
| Maximum force for tripping | 80 ozf |

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|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current | 6 A at 120 V AC, A300 conforming to NEMA rating designation 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 |
| [Ui] rated insulation voltage | 300 V (pollution degree 3) conforming to UL 508 300 V (pollution degree 3) conforming to CSA C22.2 No 14 |
| Electrical durability | 100000 cycles |
| Mechanical durability | 10000000 cycles |
| Marking | UL CE CSA |
| Sale per indivisible quantity | 1 |
| Height | 44.45 mm |
| Width | 39.62 mm |
| Depth | 15.75 mm |
| Net weight | 0.54 kg |

Environment

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|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shock resistance | 35 gn for 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 1 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 6 conforming to Nema type 250 NEMA 6P conforming to Nema type 250 |
| IP degree of protection | IP67 conforming to IEC 60529 |
| Ambient air temperature for operation | -40...104 °C |
| Ambient air temperature for storage | -40...104 °C |
| Protective treatment | Epoxy powder coat |
| Product certifications | UL CE CSA |
| Standards | LR 25490 Class 32 11 03 E78403 |

Packing Units

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|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.677 cm |
| Package 1 Width | 3.81 cm |
| Package 1 Length | 24.581 cm |
| Package 1 Weight | 544.311 g |

Offer Sustainability

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|---------------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |

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|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| 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 |

Contractual warranty

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

Recommended replacement(s)