

# Product data sheet

## Characteristics

# 9007ML10S0100

9007ML limit switch - top push plunger - booted  
- 3' bottom cable



by Schneider Electric

Product availability: Non-Stock - Not normally stocked in distribution facility



### Main

Commercial Status	Commercialised
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

Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return plunger stainless steel (booted)
Type of approach	Vertical approach
Switch actuation	On end
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 (Red-white)NC (Green-yellow)Gnd
Wire insulation material	PVC
Maximum force for tripping	80 ozf
[Ie] rated operational current	5 A at 28 V DC 3 A at 240 V AC, A300 conforming to NEMA rating designation 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 14 300 V degree of pollution 3 conforming to UL 508
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Marking	CE CSA UL
Sale per indivisible quantity	1
Height	1.75 in
Width	1.56 in

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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 60068-2-6
NEMA degree of protection	NEMA 6P conforming to Nema type 250 NEMA 6 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 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 CSA UL
Standards	LR 25490 Class 32 11 03 E78403

## Ordering and shipping details

Category	22431 - LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	T
GTIN	00785901415664
Nbr. of units in pkg.	1
Package weight(Lbs)	1.20
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MX

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 3Q2014
Product environmental profile	Available  <a href="#">Download Product Environmental</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[9007ML10S0100](#)