

# Product data sheet

## Characteristics

# 9007MS10S0502

## 9007MS limit switch - top push plunger - booted - 18' bottom cable



### 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

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 cable (AWG 16), 18 ft, yellow
Terminals description ISO n°1	(Green-yellow)Gnd (Black)Com (White)NO (Red)NC
Wire insulation material	PVC
Maximum force for tripping	80 ozf
[Ie] rated operational current	6 A at 120 V AC, A300 conforming to NEMA rating designation

Disclaimer: 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

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
[U] 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
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 60529
NEMA degree of protection	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 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

## Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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