



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
Contacts operation	Snap action
Positive opening	Without
Electrical connection	Pre-wired cable side
Type of cable	SJTO cable (AWG: 18), 3 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	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
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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1150 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations